

APPENDIX E RAW LABORATORY DATA

- E-1 Metals**
- E-2 Organometals**
- E-3 SVOCs– Full Scan**
- E-4 SVOCs – SIM**
- E-5 PCBs**
- E-6 Dioxins/Furans**
- E-7 Grain Size**
- E-8 Conventional Parameters**

E-1 Metals

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS301-010
SAMPLE

Lab Sample ID: JZ53J

LIMS ID: 06-18593

Matrix: Sediment

Data Release Authorized: *ML*

Reported: 10/30/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Percent Total Solids: 65.5%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/13/06	200.8	10/17/06	7440-36-0	Antimony	0.3	0.3	U
3050B	10/13/06	200.8	10/17/06	7440-38-2	Arsenic	0.3	7.8	
3050B	10/13/06	200.8	10/17/06	7440-43-9	Cadmium	0.3	0.3	U
3050B	10/13/06	200.8	10/26/06	7440-47-3	Chromium	0.7	15.8	
3050B	10/13/06	200.8	10/17/06	7440-48-4	Cobalt	0.3	4.9	
3050B	10/13/06	200.8	10/17/06	7440-50-8	Copper	0.7	34.5	
3050B	10/13/06	200.8	10/17/06	7439-92-1	Lead	1	27	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.06	0.91	
3050B	10/13/06	200.8	10/17/06	7439-98-7	Molybdenum	0.3	0.5	
3050B	10/13/06	200.8	10/17/06	7440-02-0	Nickel	0.7	10.9	
3050B	10/13/06	200.8	10/17/06	7782-49-2	Selenium	0.7	0.7	U
3050B	10/13/06	200.8	10/17/06	7440-22-4	Silver	0.3	0.3	U
3050B	10/13/06	200.8	10/17/06	7440-28-0	Thallium	0.3	0.3	U
3050B	10/13/06	200.8	10/17/06	7440-62-2	Vanadium	0.3	37.4	
3050B	10/13/06	200.8	10/17/06	7440-66-6	Zinc	6	106	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS


Page 1 of 1

Sample ID: LDW-SS403-010
SAMPLE

Lab Sample ID: JZ53U

LIMS ID: 06-18604

Matrix: Sediment

Data Release Authorized: 

Reported: 10/30/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Percent Total Solids: 66.2%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/13/06	200.8	10/17/06	7440-36-0	Antimony	0.3	0.3	U
3050B	10/13/06	200.8	10/17/06	7440-38-2	Arsenic	0.3	7.6	
3050B	10/13/06	200.8	10/17/06	7440-43-9	Cadmium	0.3	0.3	U
3050B	10/13/06	200.8	10/17/06	7440-47-3	Chromium	0.7	17.8	
3050B	10/13/06	200.8	10/17/06	7440-48-4	Cobalt	0.3	5.0	
3050B	10/13/06	200.8	10/17/06	7440-50-8	Copper	0.7	35.9	
3050B	10/13/06	200.8	10/17/06	7439-92-1	Lead	1	25	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.05	0.16	
3050B	10/13/06	200.8	10/17/06	7439-98-7	Molybdenum	0.3	0.5	
3050B	10/13/06	200.8	10/17/06	7440-02-0	Nickel	0.7	11.9	
3050B	10/13/06	200.8	10/17/06	7782-49-2	Selenium	0.7	0.7	U
3050B	10/13/06	200.8	10/17/06	7440-22-4	Silver	0.3	0.3	U
3050B	10/13/06	200.8	10/17/06	7440-28-0	Thallium	0.3	0.3	U
3050B	10/13/06	200.8	10/17/06	7440-62-2	Vanadium	0.3	40.6	
3050B	10/13/06	200.8	10/17/06	7440-66-6	Zinc	6	74	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS302-010
SAMPLE

Lab Sample ID: JZ53K

LIMS ID: 06-18594

Matrix: Sediment

Data Release Authorized *[Signature]*

Reported: 10/30/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Percent Total Solids: 48.7%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/13/06	200.8	10/17/06	7440-36-0	Antimony	0.4	0.4	U
3050B	10/13/06	200.8	10/17/06	7440-38-2	Arsenic	0.4	15.2	
3050B	10/13/06	200.8	10/17/06	7440-43-9	Cadmium	0.4	0.5	
3050B	10/13/06	200.8	10/26/06	7440-47-3	Chromium	1	33	
3050B	10/13/06	200.8	10/17/06	7440-48-4	Cobalt	0.4	8.6	
3050B	10/13/06	200.8	10/17/06	7440-50-8	Copper	1	84	
3050B	10/13/06	200.8	10/17/06	7439-92-1	Lead	2	63	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.09	0.59	
3050B	10/13/06	200.8	10/17/06	7439-98-7	Molybdenum	0.4	1.0	
3050B	10/13/06	200.8	10/17/06	7440-02-0	Nickel	1	23	
3050B	10/13/06	200.8	10/17/06	7782-49-2	Selenium	1	1	U
3050B	10/13/06	200.8	10/17/06	7440-22-4	Silver	0.4	0.5	
3050B	10/13/06	200.8	10/17/06	7440-28-0	Thallium	0.4	0.4	U
3050B	10/13/06	200.8	10/17/06	7440-62-2	Vanadium	0.4	64.0	
3050B	10/13/06	200.8	10/17/06	7440-66-6	Zinc	8	151	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1


Sample ID: LDW-SS303-010

SAMPLE

Lab Sample ID: KA18N

LIMS ID: 06-18980

Matrix: Sediment

Data Release Authorized: 

Reported: 11/03/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Percent Total Solids: 61.8%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/20/06	200.8	10/24/06	7440-36-0	Antimony	0.3	0.3	U
3050B	10/20/06	200.8	10/24/06	7440-38-2	Arsenic	0.3	11.7	
3050B	10/20/06	200.8	10/24/06	7440-43-9	Cadmium	0.3	0.3	U
3050B	10/20/06	200.8	10/24/06	7440-47-3	Chromium	0.8	21.3	
3050B	10/20/06	200.8	10/24/06	7440-48-4	Cobalt	0.3	6.4	
3050B	10/20/06	200.8	10/24/06	7440-50-8	Copper	0.8	45.8	
3050B	10/20/06	200.8	10/24/06	7439-92-1	Lead	2	37	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.06	0.13	
3050B	10/20/06	200.8	10/24/06	7439-98-7	Molybdenum	0.3	0.6	
3050B	10/20/06	200.8	10/24/06	7440-02-0	Nickel	0.8	20.4	
3050B	10/20/06	200.8	10/24/06	7782-49-2	Selenium	0.8	0.8	U
3050B	10/20/06	200.8	10/24/06	7440-22-4	Silver	0.3	0.3	U
3050B	10/20/06	200.8	10/24/06	7440-28-0	Thallium	0.3	0.3	U
3050B	10/20/06	200.8	10/24/06	7440-62-2	Vanadium	0.3	40.3	
3050B	10/20/06	200.8	10/24/06	7440-66-6	Zinc	6	97	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1


Sample ID: LDW-SS304-010

SAMPLE

Lab Sample ID: KA18R

LIMS ID: 06-18984

Matrix: Sediment

Data Release Authorized: 

Reported: 11/03/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Percent Total Solids: 62.2%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/20/06	200.8	10/24/06	7440-36-0	Antimony	0.3	0.3	U
3050B	10/20/06	200.8	10/24/06	7440-38-2	Arsenic	0.3	13.9	
3050B	10/20/06	200.8	10/24/06	7440-43-9	Cadmium	0.3	0.5	
3050B	10/20/06	200.8	10/24/06	7440-47-3	Chromium	0.7	24.1	
3050B	10/20/06	200.8	10/24/06	7440-48-4	Cobalt	0.3	8.0	
3050B	10/20/06	200.8	10/24/06	7440-50-8	Copper	0.7	66.4	
3050B	10/20/06	200.8	10/24/06	7439-92-1	Lead	1	76	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.06	0.18	
3050B	10/20/06	200.8	10/24/06	7439-98-7	Molybdenum	0.3	1.5	
3050B	10/20/06	200.8	10/24/06	7440-02-0	Nickel	0.7	22.5	
3050B	10/20/06	200.8	10/24/06	7782-49-2	Selenium	0.7	0.7	U
3050B	10/20/06	200.8	10/24/06	7440-22-4	Silver	0.3	0.4	
3050B	10/20/06	200.8	10/24/06	7440-28-0	Thallium	0.3	0.3	U
3050B	10/20/06	200.8	10/24/06	7440-62-2	Vanadium	0.3	49.3	
3050B	10/20/06	200.8	10/24/06	7440-66-6	Zinc	6	142	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS305-010

SAMPLE

Lab Sample ID: JZ53L

LIMS ID: 06-18595

Matrix: Sediment

Data Release Authorized *[Signature]*

Reported: 10/30/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Percent Total Solids: 49.4%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/13/06	200.8	10/17/06	7440-36-0	Antimony	0.4	1.1	
3050B	10/13/06	200.8	10/17/06	7440-38-2	Arsenic	0.4	123	
3050B	10/13/06	200.8	10/17/06	7440-43-9	Cadmium	0.4	1.1	
3050B	10/13/06	200.8	10/17/06	7440-47-3	Chromium	1	30	
3050B	10/13/06	200.8	10/17/06	7440-48-4	Cobalt	0.4	10.1	
3050B	10/13/06	200.8	10/17/06	7440-50-8	Copper	1	137	
3050B	10/13/06	200.8	10/17/06	7439-92-1	Lead	2	292	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.07	0.27	
3050B	10/13/06	200.8	10/17/06	7439-98-7	Molybdenum	0.4	8.5	
3050B	10/13/06	200.8	10/17/06	7440-02-0	Nickel	1	20	
3050B	10/13/06	200.8	10/17/06	7782-49-2	Selenium	1	1	U
3050B	10/13/06	200.8	10/17/06	7440-22-4	Silver	0.4	0.7	
3050B	10/13/06	200.8	10/17/06	7440-28-0	Thallium	0.4	0.4	U
3050B	10/13/06	200.8	10/17/06	7440-62-2	Vanadium	0.4	52.0	
3050B	10/13/06	200.8	10/17/06	7440-66-6	Zinc	8	346	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS306-010
SAMPLE

Lab Sample ID: JZ53N

LIMS ID: 06-18597

Matrix: Sediment

Data Release Authorized *[Signature]*

Reported: 10/30/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Percent Total Solids: 76.5%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/13/06	200.8	10/17/06	7440-36-0	Antimony	0.3	0.4	
3050B	10/13/06	200.8	10/17/06	7440-38-2	Arsenic	0.3	5.1	
3050B	10/13/06	200.8	10/17/06	7440-43-9	Cadmium	0.3	0.3	U
3050B	10/13/06	200.8	10/26/06	7440-47-3	Chromium	0.6	19.8	
3050B	10/13/06	200.8	10/17/06	7440-48-4	Cobalt	0.3	7.0	
3050B	10/13/06	200.8	10/17/06	7440-50-8	Copper	0.6	27.7	
3050B	10/13/06	200.8	10/17/06	7439-92-1	Lead	1	40	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.06	0.06	U
3050B	10/13/06	200.8	10/17/06	7439-98-7	Molybdenum	0.3	0.5	
3050B	10/13/06	200.8	10/17/06	7440-02-0	Nickel	0.6	22.4	
3050B	10/13/06	200.8	10/17/06	7782-49-2	Selenium	0.6	0.6	U
3050B	10/13/06	200.8	10/17/06	7440-22-4	Silver	0.3	0.3	U
3050B	10/13/06	200.8	10/17/06	7440-28-0	Thallium	0.3	0.3	U
3050B	10/13/06	200.8	10/17/06	7440-62-2	Vanadium	0.3	43.6	
3050B	10/13/06	200.8	10/17/06	7440-66-6	Zinc	5	98	

U-Analyte undetected at given RL
RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1


Sample ID: LDW-SS307-010

SAMPLE

Lab Sample ID: JZ53M

LIMS ID: 06-18596

Matrix: Sediment

Data Release Authorized: 

Reported: 10/30/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Percent Total Solids: 54.9%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/13/06	200.8	10/17/06	7440-36-0	Antimony	0.3	0.3	U
3050B	10/13/06	200.8	10/17/06	7440-38-2	Arsenic	0.3	13.7	
3050B	10/13/06	200.8	10/17/06	7440-43-9	Cadmium	0.3	0.5	
3050B	10/13/06	200.8	10/17/06	7440-47-3	Chromium	0.9	28.8	
3050B	10/13/06	200.8	10/17/06	7440-48-4	Cobalt	0.3	6.9	
3050B	10/13/06	200.8	10/17/06	7440-50-8	Copper	0.9	66.7	
3050B	10/13/06	200.8	10/17/06	7439-92-1	Lead	2	56	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.07	0.27	
3050B	10/13/06	200.8	10/17/06	7439-98-7	Molybdenum	0.3	0.9	
3050B	10/13/06	200.8	10/17/06	7440-02-0	Nickel	0.9	18.8	
3050B	10/13/06	200.8	10/17/06	7782-49-2	Selenium	0.9	0.9	U
3050B	10/13/06	200.8	10/17/06	7440-22-4	Silver	0.3	0.3	U
3050B	10/13/06	200.8	10/17/06	7440-28-0	Thallium	0.3	0.3	U
3050B	10/13/06	200.8	10/17/06	7440-62-2	Vanadium	0.3	45.3	
3050B	10/13/06	200.8	10/17/06	7440-66-6	Zinc	7	139	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS308-010

SAMPLE

Lab Sample ID: JZ530

LIMS ID: 06-18598

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 10/30/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Percent Total Solids: 51.0%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/13/06	200.8	10/17/06	7440-36-0	Antimony	0.4	0.4	U
3050B	10/13/06	200.8	10/17/06	7440-38-2	Arsenic	0.4	10.1	
3050B	10/13/06	200.8	10/17/06	7440-43-9	Cadmium	0.4	0.5	
3050B	10/13/06	200.8	10/26/06	7440-47-3	Chromium	0.9	32.9	
3050B	10/13/06	200.8	10/17/06	7440-48-4	Cobalt	0.4	8.2	
3050B	10/13/06	200.8	10/17/06	7440-50-8	Copper	0.9	84.4	
3050B	10/13/06	200.8	10/17/06	7439-92-1	Lead	2	61	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.08	0.37	
3050B	10/13/06	200.8	10/17/06	7439-98-7	Molybdenum	0.4	0.9	
3050B	10/13/06	200.8	10/17/06	7440-02-0	Nickel	0.9	22.6	
3050B	10/13/06	200.8	10/17/06	7782-49-2	Selenium	0.9	0.9	U
3050B	10/13/06	200.8	10/17/06	7440-22-4	Silver	0.4	0.5	
3050B	10/13/06	200.8	10/17/06	7440-28-0	Thallium	0.4	0.4	U
3050B	10/13/06	200.8	10/17/06	7440-62-2	Vanadium	0.4	54.6	
3050B	10/13/06	200.8	10/17/06	7440-66-6	Zinc	7	135	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS309-010

SAMPLE

Lab Sample ID: JZ53Q

LIMS ID: 06-18600

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 10/30/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Percent Total Solids: 50.4%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/13/06	200.8	10/17/06	7440-36-0	Antimony	0.4	0.4	U
3050B	10/13/06	200.8	10/17/06	7440-38-2	Arsenic	0.4	10.6	
3050B	10/13/06	200.8	10/17/06	7440-43-9	Cadmium	0.4	0.5	
3050B	10/13/06	200.8	10/17/06	7440-47-3	Chromium	0.9	33.4	
3050B	10/13/06	200.8	10/17/06	7440-48-4	Cobalt	0.4	8.9	
3050B	10/13/06	200.8	10/17/06	7440-50-8	Copper	0.9	90.6	
3050B	10/13/06	200.8	10/17/06	7439-92-1	Lead	2	67	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.07	1.55	
3050B	10/13/06	200.8	10/17/06	7439-98-7	Molybdenum	0.4	0.9	
3050B	10/13/06	200.8	10/17/06	7440-02-0	Nickel	0.9	23.8	
3050B	10/13/06	200.8	10/17/06	7782-49-2	Selenium	0.9	0.9	U
3050B	10/13/06	200.8	10/17/06	7440-22-4	Silver	0.4	0.5	
3050B	10/13/06	200.8	10/17/06	7440-28-0	Thallium	0.4	0.4	U
3050B	10/13/06	200.8	10/17/06	7440-62-2	Vanadium	0.4	59.6	
3050B	10/13/06	200.8	10/17/06	7440-66-6	Zinc	8	144	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS310-010

SAMPLE

Lab Sample ID: JZ53R

LIMS ID: 06-18601

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 10/30/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Percent Total Solids: 48.1%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/13/06	200.8	10/17/06	7440-36-0	Antimony	0.4	0.4	U
3050B	10/13/06	200.8	10/17/06	7440-38-2	Arsenic	0.4	11.5	
3050B	10/13/06	200.8	10/17/06	7440-43-9	Cadmium	0.4	0.5	
3050B	10/13/06	200.8	10/17/06	7440-47-3	Chromium	1	35	
3050B	10/13/06	200.8	10/17/06	7440-48-4	Cobalt	0.4	9.0	
3050B	10/13/06	200.8	10/17/06	7440-50-8	Copper	1	94	
3050B	10/13/06	200.8	10/17/06	7439-92-1	Lead	2	67	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.1	1.8	
3050B	10/13/06	200.8	10/17/06	7439-98-7	Molybdenum	0.4	0.8	
3050B	10/13/06	200.8	10/17/06	7440-02-0	Nickel	1	24	
3050B	10/13/06	200.8	10/17/06	7782-49-2	Selenium	1	1	U
3050B	10/13/06	200.8	10/17/06	7440-22-4	Silver	0.4	0.5	
3050B	10/13/06	200.8	10/17/06	7440-28-0	Thallium	0.4	0.4	U
3050B	10/13/06	200.8	10/17/06	7440-62-2	Vanadium	0.4	59.4	
3050B	10/13/06	200.8	10/17/06	7440-66-6	Zinc	8	145	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS311-010

SAMPLE

Lab Sample ID: JZ53S

LIMS ID: 06-18602

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 10/30/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Percent Total Solids: 32.9%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/13/06	200.8	10/17/06	7440-36-0	Antimony	0.6	0.6	U
3050B	10/13/06	200.8	10/17/06	7440-38-2	Arsenic	0.6	19.2	
3050B	10/13/06	200.8	10/17/06	7440-43-9	Cadmium	0.6	0.7	
3050B	10/13/06	200.8	10/26/06	7440-47-3	Chromium	1	37	
3050B	10/13/06	200.8	10/17/06	7440-48-4	Cobalt	0.6	8.1	
3050B	10/13/06	200.8	10/17/06	7440-50-8	Copper	1	92	
3050B	10/13/06	200.8	10/17/06	7439-92-1	Lead	3	101	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.1	0.3	
3050B	10/13/06	200.8	10/17/06	7439-98-7	Molybdenum	0.6	8.8	
3050B	10/13/06	200.8	10/17/06	7440-02-0	Nickel	1	21	
3050B	10/13/06	200.8	10/17/06	7782-49-2	Selenium	1	1	U
3050B	10/13/06	200.8	10/17/06	7440-22-4	Silver	0.6	0.6	U
3050B	10/13/06	200.8	10/17/06	7440-28-0	Thallium	0.6	0.6	U
3050B	10/13/06	200.8	10/17/06	7440-62-2	Vanadium	0.6	70.7	
3050B	10/13/06	200.8	10/17/06	7440-66-6	Zinc	10	160	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS
Page 1 of 1

Sample ID: LDW-SS312-010
SAMPLE

Lab Sample ID: JZ53T
LIMS ID: 06-18603
Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 10/30/06

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Percent Total Solids: 43.8%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/13/06	200.8	10/17/06	7440-36-0	Antimony	0.4	0.4	U
3050B	10/13/06	200.8	10/17/06	7440-38-2	Arsenic	0.4	13.1	
3050B	10/13/06	200.8	10/17/06	7440-43-9	Cadmium	0.4	0.4	U
3050B	10/13/06	200.8	10/17/06	7440-47-3	Chromium	1	29	
3050B	10/13/06	200.8	10/17/06	7440-48-4	Cobalt	0.4	4.9	
3050B	10/13/06	200.8	10/17/06	7440-50-8	Copper	1	79	
3050B	10/13/06	200.8	10/17/06	7439-92-1	Lead	2	138	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.1	0.6	
3050B	10/13/06	200.8	10/17/06	7439-98-7	Molybdenum	0.4	2.1	
3050B	10/13/06	200.8	10/17/06	7440-02-0	Nickel	1	12	
3050B	10/13/06	200.8	10/17/06	7782-49-2	Selenium	1	1	U
3050B	10/13/06	200.8	10/17/06	7440-22-4	Silver	0.4	0.4	U
3050B	10/13/06	200.8	10/17/06	7440-28-0	Thallium	0.4	0.4	U
3050B	10/13/06	200.8	10/17/06	7440-62-2	Vanadium	0.4	40.9	
3050B	10/13/06	200.8	10/17/06	7440-66-6	Zinc	9	122	

U-Analyte undetected at given RL
RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS313-010

SAMPLE

Lab Sample ID: KA18B

LIMS ID: 06-18968

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 11/03/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Percent Total Solids: 47.7%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/20/06	200.8	10/24/06	7440-36-0	Antimony	0.4	0.4	U
3050B	10/20/06	200.8	10/24/06	7440-38-2	Arsenic	0.4	6.7	
3050B	10/20/06	200.8	10/24/06	7440-43-9	Cadmium	0.4	0.4	U
3050B	10/20/06	200.8	10/24/06	7440-47-3	Chromium	1	18	
3050B	10/20/06	200.8	10/24/06	7440-48-4	Cobalt	0.4	3.6	
3050B	10/20/06	200.8	10/24/06	7440-50-8	Copper	1	36	
3050B	10/20/06	200.8	10/24/06	7439-92-1	Lead	2	30	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.09	0.11	
3050B	10/20/06	200.8	10/24/06	7439-98-7	Molybdenum	0.4	1.9	
3050B	10/20/06	200.8	10/24/06	7440-02-0	Nickel	1	10	
3050B	10/20/06	200.8	10/24/06	7782-49-2	Selenium	1	1	U
3050B	10/20/06	200.8	10/24/06	7440-22-4	Silver	0.4	0.4	U
3050B	10/20/06	200.8	10/24/06	7440-28-0	Thallium	0.4	0.4	U
3050B	10/20/06	200.8	10/24/06	7440-62-2	Vanadium	0.4	34.6	
3050B	10/20/06	200.8	10/24/06	7440-66-6	Zinc	8	86	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS314-010
SAMPLE

Lab Sample ID: KA18C

LIMS ID: 06-18969

Matrix: Sediment

Data Release Authorized: *MC*

Reported: 11/03/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Percent Total Solids: 48.3%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/20/06	200.8	10/24/06	7440-36-0	Antimony	0.4	0.4	U
3050B	10/20/06	200.8	10/24/06	7440-38-2	Arsenic	0.4	10.8	
3050B	10/20/06	200.8	10/24/06	7440-43-9	Cadmium	0.4	0.4	
3050B	10/20/06	200.8	10/24/06	7440-47-3	Chromium	1	19	
3050B	10/20/06	200.8	10/24/06	7440-48-4	Cobalt	0.4	6.3	
3050B	10/20/06	200.8	10/24/06	7440-50-8	Copper	1	40	
3050B	10/20/06	200.8	10/24/06	7439-92-1	Lead	2	19	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.07	0.07	U
3050B	10/20/06	200.8	10/24/06	7439-98-7	Molybdenum	0.4	3.7	
3050B	10/20/06	200.8	10/24/06	7440-02-0	Nickel	1	18	
3050B	10/20/06	200.8	10/24/06	7782-49-2	Selenium	1	1	U
3050B	10/20/06	200.8	10/24/06	7440-22-4	Silver	0.4	0.4	U
3050B	10/20/06	200.8	10/24/06	7440-28-0	Thallium	0.4	0.4	U
3050B	10/20/06	200.8	10/24/06	7440-62-2	Vanadium	0.4	55.8	
3050B	10/20/06	200.8	10/24/06	7440-66-6	Zinc	8	57	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1


Sample ID: LDW-SS315-010

SAMPLE

Lab Sample ID: KA18M

LIMS ID: 06-18979

Matrix: Sediment

Data Release Authorized 

Reported: 11/03/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Percent Total Solids: 50.4%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/20/06	200.8	10/24/06	7440-36-0	Antimony	0.4	0.4	U
3050B	10/20/06	200.8	10/24/06	7440-38-2	Arsenic	0.4	13.7	
3050B	10/20/06	200.8	10/24/06	7440-43-9	Cadmium	0.4	0.4	U
3050B	10/20/06	200.8	10/26/06	7440-47-3	Chromium	5	19	
3050B	10/20/06	200.8	10/26/06	7440-48-4	Cobalt	2	12	
3050B	10/20/06	200.8	10/24/06	7440-50-8	Copper	0.9	60.7	
3050B	10/20/06	200.8	10/24/06	7439-92-1	Lead	2	36	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.07	0.15	
3050B	10/20/06	200.8	10/24/06	7439-98-7	Molybdenum	0.4	0.7	
3050B	10/20/06	200.8	10/24/06	7440-02-0	Nickel	0.9	16.8	
3050B	10/20/06	200.8	10/24/06	7782-49-2	Selenium	0.9	0.9	U
3050B	10/20/06	200.8	10/24/06	7440-22-4	Silver	0.4	0.5	
3050B	10/20/06	200.8	10/24/06	7440-28-0	Thallium	0.4	0.4	U
3050B	10/20/06	200.8	10/26/06	7440-62-2	Vanadium	2	74	
3050B	10/20/06	200.8	10/24/06	7440-66-6	Zinc	8	117	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS316-010

SAMPLE

Lab Sample ID: KA18L

LIMS ID: 06-18978

Matrix: Sediment

Data Release Authorized *[Signature]*

Reported: 11/03/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Percent Total Solids: 66.7%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/20/06	200.8	10/24/06	7440-36-0	Antimony	0.3	0.3	U
3050B	10/20/06	200.8	10/24/06	7440-38-2	Arsenic	0.3	7.9	
3050B	10/20/06	200.8	10/24/06	7440-43-9	Cadmium	0.3	0.3	U
3050B	10/20/06	200.8	10/24/06	7440-47-3	Chromium	0.7	20.3	
3050B	10/20/06	200.8	10/24/06	7440-48-4	Cobalt	0.3	5.6	
3050B	10/20/06	200.8	10/24/06	7440-50-8	Copper	0.7	45.5	
3050B	10/20/06	200.8	10/24/06	7439-92-1	Lead	1	25	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.07	0.17	
3050B	10/20/06	200.8	10/24/06	7439-98-7	Molybdenum	0.3	0.4	
3050B	10/20/06	200.8	10/24/06	7440-02-0	Nickel	0.7	14.3	
3050B	10/20/06	200.8	10/24/06	7782-49-2	Selenium	0.7	0.7	U
3050B	10/20/06	200.8	10/24/06	7440-22-4	Silver	0.3	0.3	
3050B	10/20/06	200.8	10/24/06	7440-28-0	Thallium	0.3	0.3	U
3050B	10/20/06	200.8	10/30/06	7440-62-2	Vanadium	0.3	40.8	
3050B	10/20/06	200.8	10/24/06	7440-66-6	Zinc	6	77	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS317-010

SAMPLE

Lab Sample ID: KA18K

LIMS ID: 06-18977

Matrix: Sediment

Data Release Authorized *[Signature]*

Reported: 11/03/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Percent Total Solids: 56.5%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/20/06	200.8	10/24/06	7440-36-0	Antimony	0.3	0.3	U
3050B	10/20/06	200.8	10/24/06	7440-38-2	Arsenic	0.3	11.2	
3050B	10/20/06	200.8	10/24/06	7440-43-9	Cadmium	0.3	0.5	
3050B	10/20/06	200.8	10/24/06	7440-47-3	Chromium	0.8	28.0	
3050B	10/20/06	200.8	10/24/06	7440-48-4	Cobalt	0.3	8.5	
3050B	10/20/06	200.8	10/24/06	7440-50-8	Copper	0.8	80.4	
3050B	10/20/06	200.8	10/24/06	7439-92-1	Lead	2	58	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.06	0.26	
3050B	10/20/06	200.8	10/24/06	7439-98-7	Molybdenum	0.3	1.0	
3050B	10/20/06	200.8	10/24/06	7440-02-0	Nickel	0.8	24.6	
3050B	10/20/06	200.8	10/24/06	7782-49-2	Selenium	0.8	0.8	U
3050B	10/20/06	200.8	10/24/06	7440-22-4	Silver	0.3	0.4	
3050B	10/20/06	200.8	10/24/06	7440-28-0	Thallium	0.3	0.3	U
3050B	10/20/06	200.8	10/24/06	7440-62-2	Vanadium	0.3	51.9	
3050B	10/20/06	200.8	10/24/06	7440-66-6	Zinc	7	180	

U-Analyte undetected at given RL
RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS318-010

SAMPLE

Lab Sample ID: KA18J

LIMS ID: 06-18976

Matrix: Sediment

Data Release Authorized *gjk*

Reported: 11/03/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Percent Total Solids: 62.2%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/20/06	200.8	10/24/06	7440-36-0	Antimony	0.3	0.3	U
3050B	10/20/06	200.8	10/24/06	7440-38-2	Arsenic	0.3	8.8	
3050B	10/20/06	200.8	10/24/06	7440-43-9	Cadmium	0.3	0.3	U
3050B	10/20/06	200.8	10/24/06	7440-47-3	Chromium	0.8	23.9	
3050B	10/20/06	200.8	10/24/06	7440-48-4	Cobalt	0.3	7.3	
3050B	10/20/06	200.8	10/24/06	7440-50-8	Copper	0.8	63.3	
3050B	10/20/06	200.8	10/24/06	7439-92-1	Lead	2	43	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.07	0.17	
3050B	10/20/06	200.8	10/24/06	7439-98-7	Molybdenum	0.3	0.6	
3050B	10/20/06	200.8	10/24/06	7440-02-0	Nickel	0.8	20.9	
3050B	10/20/06	200.8	10/24/06	7782-49-2	Selenium	0.8	0.8	U
3050B	10/20/06	200.8	10/24/06	7440-22-4	Silver	0.3	0.3	
3050B	10/20/06	200.8	10/24/06	7440-28-0	Thallium	0.3	0.3	U
3050B	10/20/06	200.8	10/24/06	7440-62-2	Vanadium	0.3	48.1	
3050B	10/20/06	200.8	10/24/06	7440-66-6	Zinc	6	112	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS319-010

SAMPLE

Lab Sample ID: KA18G

LIMS ID: 06-18973

Matrix: Sediment

Data Release Authorized *[Signature]*

Reported: 11/03/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Percent Total Solids: 45.9%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/20/06	200.8	10/24/06	7440-36-0	Antimony	0.4	0.4	U
3050B	10/20/06	200.8	10/24/06	7440-38-2	Arsenic	0.4	14.8	
3050B	10/20/06	200.8	10/24/06	7440-43-9	Cadmium	0.4	0.6	
3050B	10/20/06	200.8	10/24/06	7440-47-3	Chromium	1	35	
3050B	10/20/06	200.8	10/24/06	7440-48-4	Cobalt	0.4	9.5	
3050B	10/20/06	200.8	10/24/06	7440-50-8	Copper	1	103	
3050B	10/20/06	200.8	10/24/06	7439-92-1	Lead	2	62	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.08	0.88	
3050B	10/20/06	200.8	10/24/06	7439-98-7	Molybdenum	0.4	0.8	
3050B	10/20/06	200.8	10/24/06	7440-02-0	Nickel	1	29	
3050B	10/20/06	200.8	10/24/06	7782-49-2	Selenium	1	1	U
3050B	10/20/06	200.8	10/24/06	7440-22-4	Silver	0.4	0.7	
3050B	10/20/06	200.8	10/24/06	7440-28-0	Thallium	0.4	0.4	U
3050B	10/20/06	200.8	10/24/06	7440-62-2	Vanadium	0.4	63.2	
3050B	10/20/06	200.8	10/24/06	7440-66-6	Zinc	8	170	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1


Sample ID: LDW-SS320-010

SAMPLE

Lab Sample ID: KA18F

LIMS ID: 06-18972

Matrix: Sediment

Data Release Authorized 

Reported: 11/03/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Percent Total Solids: 45.8%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/20/06	200.8	10/24/06	7440-36-0	Antimony	0.4	0.4	U
3050B	10/20/06	200.8	10/24/06	7440-38-2	Arsenic	0.4	14.8	
3050B	10/20/06	200.8	10/24/06	7440-43-9	Cadmium	0.4	0.6	
3050B	10/20/06	200.8	10/24/06	7440-47-3	Chromium	1	35	
3050B	10/20/06	200.8	10/24/06	7440-48-4	Cobalt	0.4	9.2	
3050B	10/20/06	200.8	10/24/06	7440-50-8	Copper	1	101	
3050B	10/20/06	200.8	10/24/06	7439-92-1	Lead	2	63	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.1	0.4	
3050B	10/20/06	200.8	10/24/06	7439-98-7	Molybdenum	0.4	0.7	
3050B	10/20/06	200.8	10/24/06	7440-02-0	Nickel	1	28	
3050B	10/20/06	200.8	10/24/06	7782-49-2	Selenium	1	1	U
3050B	10/20/06	200.8	10/24/06	7440-22-4	Silver	0.4	0.8	
3050B	10/20/06	200.8	10/24/06	7440-28-0	Thallium	0.4	0.4	U
3050B	10/20/06	200.8	10/24/06	7440-62-2	Vanadium	0.4	60.9	
3050B	10/20/06	200.8	10/24/06	7440-66-6	Zinc	8	168	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1


Sample ID: LDW-SS321-010

SAMPLE

Lab Sample ID: KA18I

LIMS ID: 06-18975

Matrix: Sediment

Data Release Authorized: 

Reported: 11/03/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Percent Total Solids: 68.4%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/20/06	200.8	10/24/06	7440-36-0	Antimony	0.3	0.3	U
3050B	10/20/06	200.8	10/24/06	7440-38-2	Arsenic	0.3	12.9	
3050B	10/20/06	200.8	10/24/06	7440-43-9	Cadmium	0.3	0.5	
3050B	10/20/06	200.8	10/24/06	7440-47-3	Chromium	0.7	21.1	
3050B	10/20/06	200.8	10/24/06	7440-48-4	Cobalt	0.3	7.3	
3050B	10/20/06	200.8	10/24/06	7440-50-8	Copper	0.7	53.6	
3050B	10/20/06	200.8	10/24/06	7439-92-1	Lead	1	49	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.06	0.13	
3050B	10/20/06	200.8	10/24/06	7439-98-7	Molybdenum	0.3	1.3	
3050B	10/20/06	200.8	10/24/06	7440-02-0	Nickel	0.7	20.5	
3050B	10/20/06	200.8	10/24/06	7782-49-2	Selenium	0.7	0.7	U
3050B	10/20/06	200.8	10/24/06	7440-22-4	Silver	0.3	0.4	
3050B	10/20/06	200.8	10/24/06	7440-28-0	Thallium	0.3	0.3	U
3050B	10/20/06	200.8	10/24/06	7440-62-2	Vanadium	0.3	44.5	
3050B	10/20/06	200.8	10/24/06	7440-66-6	Zinc	5	107	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1


Sample ID: LDW-SS322-010

SAMPLE

Lab Sample ID: KA18D

LIMS ID: 06-18970

Matrix: Sediment

Data Release Authorized: 

Reported: 11/03/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Percent Total Solids: 47.5%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/20/06	200.8	10/24/06	7440-36-0	Antimony	0.4	0.4	U
3050B	10/20/06	200.8	10/24/06	7440-38-2	Arsenic	0.4	13.3	
3050B	10/20/06	200.8	10/24/06	7440-43-9	Cadmium	0.4	0.5	
3050B	10/20/06	200.8	10/24/06	7440-47-3	Chromium	1	35	
3050B	10/20/06	200.8	10/24/06	7440-48-4	Cobalt	0.4	9.5	
3050B	10/20/06	200.8	10/24/06	7440-50-8	Copper	1	96	
3050B	10/20/06	200.8	10/24/06	7439-92-1	Lead	2	56	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.08	0.30	
3050B	10/20/06	200.8	10/24/06	7439-98-7	Molybdenum	0.4	0.7	
3050B	10/20/06	200.8	10/24/06	7440-02-0	Nickel	1	29	
3050B	10/20/06	200.8	10/24/06	7782-49-2	Selenium	1	1	U
3050B	10/20/06	200.8	10/24/06	7440-22-4	Silver	0.4	0.5	
3050B	10/20/06	200.8	10/24/06	7440-28-0	Thallium	0.4	0.4	U
3050B	10/20/06	200.8	10/24/06	7440-62-2	Vanadium	0.4	61.6	
3050B	10/20/06	200.8	10/24/06	7440-66-6	Zinc	8	155	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS


Page 1 of 1

Sample ID: LDW-SS323-010
SAMPLE

Lab Sample ID: KA18E

LIMS ID: 06-18971

Matrix: Sediment

Data Release Authorized 

Reported: 11/03/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Percent Total Solids: 58.6%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/20/06	200.8	10/24/06	7440-36-0	Antimony	0.3	0.3	U
3050B	10/20/06	200.8	10/24/06	7440-38-2	Arsenic	0.3	9.5	
3050B	10/20/06	200.8	10/24/06	7440-43-9	Cadmium	0.3	0.4	
3050B	10/20/06	200.8	10/24/06	7440-47-3	Chromium	0.8	27.7	
3050B	10/20/06	200.8	10/24/06	7440-48-4	Cobalt	0.3	8.5	
3050B	10/20/06	200.8	10/24/06	7440-50-8	Copper	0.8	75.9	
3050B	10/20/06	200.8	10/24/06	7439-92-1	Lead	2	37	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.06	0.19	
3050B	10/20/06	200.8	10/24/06	7439-98-7	Molybdenum	0.3	0.7	
3050B	10/20/06	200.8	10/24/06	7440-02-0	Nickel	0.8	24.9	
3050B	10/20/06	200.8	10/24/06	7782-49-2	Selenium	0.8	0.8	U
3050B	10/20/06	200.8	10/24/06	7440-22-4	Silver	0.3	0.5	
3050B	10/20/06	200.8	10/24/06	7440-28-0	Thallium	0.3	0.3	U
3050B	10/20/06	200.8	10/24/06	7440-62-2	Vanadium	0.3	57.2	
3050B	10/20/06	200.8	10/24/06	7440-66-6	Zinc	6	118	

U-Analyte undetected at given RL
RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS324-010
SAMPLE

Lab Sample ID: KA18H

LIMS ID: 06-18974

Matrix: Sediment

Data Release Authorized *[Signature]*

Reported: 11/03/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Percent Total Solids: 65.8%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/20/06	200.8	10/24/06	7440-36-0	Antimony	0.3	0.3	U
3050B	10/20/06	200.8	10/24/06	7440-38-2	Arsenic	0.3	17.7	
3050B	10/20/06	200.8	10/24/06	7440-43-9	Cadmium	0.3	0.5	
3050B	10/20/06	200.8	10/24/06	7440-47-3	Chromium	0.7	21.7	
3050B	10/20/06	200.8	10/24/06	7440-48-4	Cobalt	0.3	7.6	
3050B	10/20/06	200.8	10/24/06	7440-50-8	Copper	0.7	71.9	
3050B	10/20/06	200.8	10/24/06	7439-92-1	Lead	1	32	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.06	0.20	
3050B	10/20/06	200.8	10/24/06	7439-98-7	Molybdenum	0.3	1.8	
3050B	10/20/06	200.8	10/24/06	7440-02-0	Nickel	0.7	20.3	
3050B	10/20/06	200.8	10/24/06	7782-49-2	Selenium	0.7	0.7	U
3050B	10/20/06	200.8	10/24/06	7440-22-4	Silver	0.3	0.5	
3050B	10/20/06	200.8	10/24/06	7440-28-0	Thallium	0.3	0.3	U
3050B	10/20/06	200.8	10/24/06	7440-62-2	Vanadium	0.3	45.0	
3050B	10/20/06	200.8	10/24/06	7440-66-6	Zinc	6	102	

U-Analyte undetected at given RL
RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS


Page 1 of 1

Sample ID: LDW-SS325-010
SAMPLE

Lab Sample ID: KA18P

LIMS ID: 06-18982

Matrix: Sediment

Data Release Authorized: 

Reported: 11/03/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Percent Total Solids: 46.4%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/20/06	200.8	10/24/06	7440-36-0	Antimony	0.4	0.4	U
3050B	10/20/06	200.8	10/24/06	7440-38-2	Arsenic	0.4	13.0	
3050B	10/20/06	200.8	10/24/06	7440-43-9	Cadmium	0.4	0.6	
3050B	10/20/06	200.8	10/24/06	7440-47-3	Chromium	1	34	
3050B	10/20/06	200.8	10/24/06	7440-48-4	Cobalt	0.4	9.2	
3050B	10/20/06	200.8	10/24/06	7440-50-8	Copper	1	96	
3050B	10/20/06	200.8	10/24/06	7439-92-1	Lead	2	61	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.1	0.3	
3050B	10/20/06	200.8	10/24/06	7439-98-7	Molybdenum	0.4	0.9	
3050B	10/20/06	200.8	10/24/06	7440-02-0	Nickel	1	28	
3050B	10/20/06	200.8	10/24/06	7782-49-2	Selenium	1	1	U
3050B	10/20/06	200.8	10/24/06	7440-22-4	Silver	0.4	0.6	
3050B	10/20/06	200.8	10/24/06	7440-28-0	Thallium	0.4	0.4	U
3050B	10/20/06	200.8	10/24/06	7440-62-2	Vanadium	0.4	63.7	
3050B	10/20/06	200.8	10/24/06	7440-66-6	Zinc	9	170	

U-Analyte undetected at given RL
RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1


Sample ID: LDW-SS326-010

SAMPLE

Lab Sample ID: KA18Q

LIMS ID: 06-18983

Matrix: Sediment

Data Release Authorized: 

Reported: 11/03/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Percent Total Solids: 46.4%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/20/06	200.8	10/24/06	7440-36-0	Antimony	0.4	0.4	U
3050B	10/20/06	200.8	10/24/06	7440-38-2	Arsenic	0.4	14.7	
3050B	10/20/06	200.8	10/24/06	7440-43-9	Cadmium	0.4	0.4	
3050B	10/20/06	200.8	10/24/06	7440-47-3	Chromium	1	32	
3050B	10/20/06	200.8	10/24/06	7440-48-4	Cobalt	0.4	9.2	
3050B	10/20/06	200.8	10/24/06	7440-50-8	Copper	1	82	
3050B	10/20/06	200.8	10/24/06	7439-92-1	Lead	2	45	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.09	0.25	
3050B	10/20/06	200.8	10/24/06	7439-98-7	Molybdenum	0.4	0.5	
3050B	10/20/06	200.8	10/24/06	7440-02-0	Nickel	1	28	
3050B	10/20/06	200.8	10/24/06	7782-49-2	Selenium	1	1	U
3050B	10/20/06	200.8	10/24/06	7440-22-4	Silver	0.4	0.5	
3050B	10/20/06	200.8	10/24/06	7440-28-0	Thallium	0.4	0.4	U
3050B	10/20/06	200.8	10/24/06	7440-62-2	Vanadium	0.4	61.9	
3050B	10/20/06	200.8	10/24/06	7440-66-6	Zinc	8	138	

U-Analyte undetected at given RL
RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS327-010

SAMPLE

Lab Sample ID: JZ15B

LIMS ID: 06-18342

Matrix: Sediment

Data Release Authorized: *MJC*

Reported: 10/30/06

QC Report No: JZ15-Windward Environmental, LLC

Project: LDW R1-R3 Surface Sediment

04-08-06-24

Date Sampled: 10/02/06

Date Received: 10/02/06

Percent Total Solids: 63.6%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/11/06	200.8	10/25/06	7440-36-0	Antimony	0.3	0.3	U
3050B	10/11/06	200.8	10/17/06	7440-38-2	Arsenic	0.3	10.7	
3050B	10/11/06	200.8	10/17/06	7440-43-9	Cadmium	0.3	0.4	
3050B	10/11/06	200.8	10/17/06	7440-47-3	Chromium	0.7	21.7	
3050B	10/11/06	200.8	10/17/06	7440-48-4	Cobalt	0.3	6.8	
3050B	10/11/06	200.8	10/17/06	7440-50-8	Copper	0.7	52.5	
3050B	10/11/06	200.8	10/17/06	7439-92-1	Lead	1	34	
CLP	10/11/06	7471A	10/25/06	7439-97-6	Mercury	0.06	0.14	
3050B	10/11/06	200.8	10/17/06	7439-98-7	Molybdenum	0.3	0.5	
3050B	10/11/06	200.8	10/17/06	7440-02-0	Nickel	0.7	18.7	
3050B	10/11/06	200.8	10/17/06	7782-49-2	Selenium	0.7	0.7	U
3050B	10/11/06	200.8	10/17/06	7440-22-4	Silver	0.3	0.4	
3050B	10/11/06	200.8	10/17/06	7440-28-0	Thallium	0.3	0.3	U
3050B	10/11/06	200.8	10/17/06	7440-62-2	Vanadium	0.3	46.2	
3050B	10/11/06	200.8	10/17/06	7440-66-6	Zinc	6	143	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS328-010

SAMPLE

Lab Sample ID: JZ15C

LIMS ID: 06-18343

Matrix: Sediment

Data Release Authorized: *JK*

Reported: 10/30/06

QC Report No: JZ15-Windward Environmental, LLC

Project: LDW R1-R3 Surface Sediment

04-08-06-24

Date Sampled: 10/02/06

Date Received: 10/02/06

Percent Total Solids: 55.7%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/11/06	200.8	10/25/06	7440-36-0	Antimony	0.3	0.3	U
3050B	10/11/06	200.8	10/17/06	7440-38-2	Arsenic	0.3	10.0	
3050B	10/11/06	200.8	10/17/06	7440-43-9	Cadmium	0.3	0.5	
3050B	10/11/06	200.8	10/26/06	7440-47-3	Chromium	4	27	
3050B	10/11/06	200.8	10/26/06	7440-48-4	Cobalt	2	11	
3050B	10/11/06	200.8	10/17/06	7440-50-8	Copper	0.8	42.1	
3050B	10/11/06	200.8	10/17/06	7439-92-1	Lead	2	25	
CLP	10/11/06	7471A	10/25/06	7439-97-6	Mercury	0.07	0.25	
3050B	10/11/06	200.8	10/17/06	7439-98-7	Molybdenum	0.3	0.5	
3050B	10/11/06	200.8	10/17/06	7440-02-0	Nickel	0.8	19.9	
3050B	10/11/06	200.8	10/17/06	7782-49-2	Selenium	0.8	0.8	U
3050B	10/11/06	200.8	10/17/06	7440-22-4	Silver	0.3	0.6	
3050B	10/11/06	200.8	10/17/06	7440-28-0	Thallium	0.3	0.3	U
3050B	10/11/06	200.8	10/26/06	7440-62-2	Vanadium	2	68	
3050B	10/11/06	200.8	10/17/06	7440-66-6	Zinc	7	88	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS329-010

SAMPLE

Lab Sample ID: JZ15D

LIMS ID: 06-18344

Matrix: Sediment

Data Release Authorized *[Signature]*

Reported: 10/30/06

QC Report No: JZ15-Windward Environmental, LLC

Project: LDW R1-R3 Surface Sediment

04-08-06-24

Date Sampled: 10/02/06

Date Received: 10/02/06

Percent Total Solids: 69.2%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/11/06	200.8	10/25/06	7440-36-0	Antimony	0.3	0.3	U
3050B	10/11/06	200.8	10/17/06	7440-38-2	Arsenic	0.3	8.4	
3050B	10/11/06	200.8	10/17/06	7440-43-9	Cadmium	0.3	0.3	U
3050B	10/11/06	200.8	10/26/06	7440-47-3	Chromium	0.7	26.5	
3050B	10/11/06	200.8	10/17/06	7440-48-4	Cobalt	0.3	6.1	
3050B	10/11/06	200.8	10/17/06	7440-50-8	Copper	0.7	62.9	
3050B	10/11/06	200.8	10/17/06	7439-92-1	Lead	1	303	
CLP	10/11/06	7471A	10/25/06	7439-97-6	Mercury	0.05	0.06	
3050B	10/11/06	200.8	10/17/06	7439-98-7	Molybdenum	0.3	0.5	
3050B	10/11/06	200.8	10/17/06	7440-02-0	Nickel	0.7	18.9	
3050B	10/11/06	200.8	10/17/06	7782-49-2	Selenium	0.7	0.7	U
3050B	10/11/06	200.8	10/17/06	7440-22-4	Silver	0.3	0.3	U
3050B	10/11/06	200.8	10/17/06	7440-28-0	Thallium	0.3	0.3	U
3050B	10/11/06	200.8	10/17/06	7440-62-2	Vanadium	0.3	39.0	
3050B	10/11/06	200.8	10/17/06	7440-66-6	Zinc	6	75	

U-Analyte undetected at given RL
RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS401-010
SAMPLE

Lab Sample ID: JZ15E

LIMS ID: 06-18345

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 10/30/06

QC Report No: JZ15-Windward Environmental, LLC

Project: LDW R1-R3 Surface Sediment

04-08-06-24

Date Sampled: 10/02/06

Date Received: 10/02/06

Percent Total Solids: 68.1%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/11/06	200.8	10/25/06	7440-36-0	Antimony	0.3	0.3	U
3050B	10/11/06	200.8	10/17/06	7440-38-2	Arsenic	0.3	8.9	
3050B	10/11/06	200.8	10/17/06	7440-43-9	Cadmium	0.3	0.3	U
3050B	10/11/06	200.8	10/17/06	7440-47-3	Chromium	0.7	38.8	
3050B	10/11/06	200.8	10/17/06	7440-48-4	Cobalt	0.3	6.4	
3050B	10/11/06	200.8	10/17/06	7440-50-8	Copper	0.7	41.9	
3050B	10/11/06	200.8	10/17/06	7439-92-1	Lead	1	44	
CLP	10/11/06	7471A	10/25/06	7439-97-6	Mercury	0.07	0.10	
3050B	10/11/06	200.8	10/17/06	7439-98-7	Molybdenum	0.3	0.6	
3050B	10/11/06	200.8	10/17/06	7440-02-0	Nickel	0.7	16.9	
3050B	10/11/06	200.8	10/17/06	7782-49-2	Selenium	0.7	0.7	U
3050B	10/11/06	200.8	10/17/06	7440-22-4	Silver	0.3	0.3	U
3050B	10/11/06	200.8	10/17/06	7440-28-0	Thallium	0.3	0.3	U
3050B	10/11/06	200.8	10/17/06	7440-62-2	Vanadium	0.3	41.1	
3050B	10/11/06	200.8	10/17/06	7440-66-6	Zinc	6	74	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS


Page 1 of 1

Sample ID: LDW-SS330-010
SAMPLE

Lab Sample ID: JZ15A

LIMS ID: 06-18341

Matrix: Sediment

Data Release Authorized: 

Reported: 10/30/06

QC Report No: JZ15-Windward Environmental, LLC

Project: LDW R1-R3 Surface Sediment

04-08-06-24

Date Sampled: 10/02/06

Date Received: 10/02/06

Percent Total Solids: 38.6%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/11/06	200.8	10/17/06	7440-36-0	Antimony	0.5	0.5	U
3050B	10/11/06	200.8	10/17/06	7440-38-2	Arsenic	0.5	22.3	
3050B	10/11/06	200.8	10/17/06	7440-43-9	Cadmium	0.5	0.5	U
3050B	10/11/06	200.8	10/26/06	7440-47-3	Chromium	1	36	
3050B	10/11/06	200.8	10/17/06	7440-48-4	Cobalt	0.5	10.2	
3050B	10/11/06	200.8	10/17/06	7440-50-8	Copper	1	98	
3050B	10/11/06	200.8	10/17/06	7439-92-1	Lead	3	49	
CLP	10/11/06	7471A	10/13/06	7439-97-6	Mercury	0.09	0.28	
3050B	10/11/06	200.8	10/17/06	7439-98-7	Molybdenum	0.5	0.8	
3050B	10/11/06	200.8	10/17/06	7440-02-0	Nickel	1	28	
3050B	10/11/06	200.8	10/17/06	7782-49-2	Selenium	1	1	U
3050B	10/11/06	200.8	10/17/06	7440-22-4	Silver	0.5	0.7	
3050B	10/11/06	200.8	10/17/06	7440-28-0	Thallium	0.5	0.5	U
3050B	10/11/06	200.8	10/17/06	7440-62-2	Vanadium	0.5	71.9	
3050B	10/11/06	200.8	10/17/06	7440-66-6	Zinc	10	160	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS330-010
DUPLICATE

Lab Sample ID: JZ15A

LIMS ID: 06-18341

Matrix: Sediment

Data Release Authorized: *ME*

Reported: 10/30/06

QC Report No: JZ15-Windward Environmental, LLC

Project: LDW R1-R3 Surface Sediment

04-08-06-24

Date Sampled: 10/02/06

Date Received: 10/02/06

MATRIX DUPLICATE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample	Duplicate	RPD	Control Limit	Q
Antimony	200.8	0.5 U	0.5 U	0.0%	+/- 0.5	L
Arsenic	200.8	22.3	23.8	6.5%	+/- 20%	
Cadmium	200.8	0.5 U	0.5 U	0.0%	+/- 0.5	L
Chromium	200.8	36	36	0.0%	+/- 20%	
Cobalt	200.8	10.2	10.4	1.9%	+/- 20%	
Copper	200.8	98	106	7.8%	+/- 20%	
Lead	200.8	49	51	4.0%	+/- 20%	
Mercury	7471A	0.28	0.23	19.6%	+/- 0.09	L
Molybdenum	200.8	0.8	0.9	11.8%	+/- 0.5	L
Nickel	200.8	28	29	3.5%	+/- 20%	
Selenium	200.8	1 U	1 U	0.0%	+/- 1	L
Silver	200.8	0.7	0.6	15.4%	+/- 0.5	L
Thallium	200.8	0.5 U	0.5 U	0.0%	+/- 0.5	L
Vanadium	200.8	71.9	71.8	0.1%	+/- 20%	
Zinc	200.8	160	170	6.1%	+/- 20%	

Reported in mg/kg-dry

*-Control Limit Not Met

L-RPD Invalid, Limit = Detection Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS331-010
SAMPLE

Lab Sample ID: JZ15F

LIMS ID: 06-18346

Matrix: Sediment

Data Release Authorized *[Signature]*

Reported: 10/30/06

QC Report No: JZ15-Windward Environmental, LLC

Project: LDW R1-R3 Surface Sediment

04-08-06-24

Date Sampled: 10/02/06

Date Received: 10/02/06

Percent Total Solids: 50.2%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/11/06	200.8	10/25/06	7440-36-0	Antimony	0.4	0.4	U
3050B	10/11/06	200.8	10/17/06	7440-38-2	Arsenic	0.4	7.6	
3050B	10/11/06	200.8	10/17/06	7440-43-9	Cadmium	0.4	0.4	U
3050B	10/11/06	200.8	10/17/06	7440-47-3	Chromium	0.9	19.6	
3050B	10/11/06	200.8	10/17/06	7440-48-4	Cobalt	0.4	5.4	
3050B	10/11/06	200.8	10/17/06	7440-50-8	Copper	0.9	35.5	
3050B	10/11/06	200.8	10/17/06	7439-92-1	Lead	2	34	
CLP	10/11/06	7471A	10/25/06	7439-97-6	Mercury	0.08	0.08	U
3050B	10/11/06	200.8	10/17/06	7439-98-7	Molybdenum	0.4	1.0	
3050B	10/11/06	200.8	10/17/06	7440-02-0	Nickel	0.9	13.2	
3050B	10/11/06	200.8	10/17/06	7782-49-2	Selenium	0.9	0.9	U
3050B	10/11/06	200.8	10/17/06	7440-22-4	Silver	0.4	0.4	U
3050B	10/11/06	200.8	10/17/06	7440-28-0	Thallium	0.4	0.4	U
3050B	10/11/06	200.8	10/17/06	7440-62-2	Vanadium	0.4	45.7	
3050B	10/11/06	200.8	10/17/06	7440-66-6	Zinc	7	91	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS332-010
SAMPLE

Lab Sample ID: JZ15G

LIMS ID: 06-18347

Matrix: Sediment

Data Release Authorized

Reported: 10/30/06

QC Report No: JZ15-Windward Environmental, LLC

Project: LDW R1-R3 Surface Sediment

04-08-06-24

Date Sampled: 10/02/06

Date Received: 10/02/06

Percent Total Solids: 63.3%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/11/06	200.8	10/25/06	7440-36-0	Antimony	0.3	0.3	U
3050B	10/11/06	200.8	10/17/06	7440-38-2	Arsenic	0.3	4.2	
3050B	10/11/06	200.8	10/17/06	7440-43-9	Cadmium	0.3	0.4	
3050B	10/11/06	200.8	10/17/06	7440-47-3	Chromium	0.7	13.2	
3050B	10/11/06	200.8	10/17/06	7440-48-4	Cobalt	0.3	4.1	
3050B	10/11/06	200.8	10/17/06	7440-50-8	Copper	0.7	19.0	
3050B	10/11/06	200.8	10/17/06	7439-92-1	Lead	1	16	
CLP	10/11/06	7471A	10/25/06	7439-97-6	Mercury	0.06	0.06	U
3050B	10/11/06	200.8	10/17/06	7439-98-7	Molybdenum	0.3	0.3	
3050B	10/11/06	200.8	10/17/06	7440-02-0	Nickel	0.7	10.5	
3050B	10/11/06	200.8	10/17/06	7782-49-2	Selenium	0.7	0.7	U
3050B	10/11/06	200.8	10/17/06	7440-22-4	Silver	0.3	0.3	U
3050B	10/11/06	200.8	10/17/06	7440-28-0	Thallium	0.3	0.3	U
3050B	10/11/06	200.8	10/17/06	7440-62-2	Vanadium	0.3	36.3	
3050B	10/11/06	200.8	10/17/06	7440-66-6	Zinc	6	57	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS333-010
SAMPLE

Lab Sample ID: JZ15I

LIMS ID: 06-18349

Matrix: Sediment

Data Release Authorized: *MJK*

Reported: 10/30/06

QC Report No: JZ15-Windward Environmental, LLC

Project: LDW R1-R3 Surface Sediment

04-08-06-24

Date Sampled: 10/02/06

Date Received: 10/02/06

Percent Total Solids: 60.1%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/11/06	200.8	10/25/06	7440-36-0	Antimony	0.3	0.3	U
3050B	10/11/06	200.8	10/17/06	7440-38-2	Arsenic	0.3	7.6	
3050B	10/11/06	200.8	10/17/06	7440-43-9	Cadmium	0.3	0.3	U
3050B	10/11/06	200.8	10/17/06	7440-47-3	Chromium	0.8	20.6	
3050B	10/11/06	200.8	10/17/06	7440-48-4	Cobalt	0.3	5.9	
3050B	10/11/06	200.8	10/17/06	7440-50-8	Copper	0.8	33.0	
3050B	10/11/06	200.8	10/17/06	7439-92-1	Lead	2	20	
CLP	10/11/06	7471A	10/25/06	7439-97-6	Mercury	0.08	0.10	
3050B	10/11/06	200.8	10/17/06	7439-98-7	Molybdenum	0.3	0.4	
3050B	10/11/06	200.8	10/17/06	7440-02-0	Nickel	0.8	14.5	
3050B	10/11/06	200.8	10/17/06	7782-49-2	Selenium	0.8	0.8	U
3050B	10/11/06	200.8	10/17/06	7440-22-4	Silver	0.3	0.3	U
3050B	10/11/06	200.8	10/17/06	7440-28-0	Thallium	0.3	0.3	U
3050B	10/11/06	200.8	10/17/06	7440-62-2	Vanadium	0.3	45.0	
3050B	10/11/06	200.8	10/17/06	7440-66-6	Zinc	6	78	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1


Sample ID: LDW-SS334-010

SAMPLE

Lab Sample ID: JZ15H

LIMS ID: 06-18348

Matrix: Sediment

Data Release Authorized: 

Reported: 10/30/06

QC Report No: JZ15-Windward Environmental, LLC

Project: LDW R1-R3 Surface Sediment

04-08-06-24

Date Sampled: 10/02/06

Date Received: 10/02/06

Percent Total Solids: 73.9%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/11/06	200.8	10/25/06	7440-36-0	Antimony	0.3	0.3	U
3050B	10/11/06	200.8	10/17/06	7440-38-2	Arsenic	0.3	4.0	
3050B	10/11/06	200.8	10/17/06	7440-43-9	Cadmium	0.3	0.3	U
3050B	10/11/06	200.8	10/17/06	7440-47-3	Chromium	0.7	11.0	
3050B	10/11/06	200.8	10/17/06	7440-48-4	Cobalt	0.3	4.4	
3050B	10/11/06	200.8	10/17/06	7440-50-8	Copper	0.7	14.5	
3050B	10/11/06	200.8	10/17/06	7439-92-1	Lead	1	7	
CLP	10/11/06	7471A	10/25/06	7439-97-6	Mercury	0.05	0.05	U
3050B	10/11/06	200.8	10/17/06	7439-98-7	Molybdenum	0.3	0.3	U
3050B	10/11/06	200.8	10/17/06	7440-02-0	Nickel	0.7	9.2	
3050B	10/11/06	200.8	10/17/06	7782-49-2	Selenium	0.7	0.7	U
3050B	10/11/06	200.8	10/17/06	7440-22-4	Silver	0.3	0.3	U
3050B	10/11/06	200.8	10/17/06	7440-28-0	Thallium	0.3	0.3	U
3050B	10/11/06	200.8	10/17/06	7440-62-2	Vanadium	0.3	35.0	
3050B	10/11/06	200.8	10/17/06	7440-66-6	Zinc	5	39	


U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS
Page 1 of 1

Sample ID: LDW-SS335-010
SAMPLE

Lab Sample ID: KA18A
LIMS ID: 06-18967
Matrix: Sediment
Data Release Authorized: 
Reported: 11/03/06

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Percent Total Solids: 40.2%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/20/06	200.8	10/24/06	7440-36-0	Antimony	0.5	0.5	U
3050B	10/20/06	200.8	10/24/06	7440-38-2	Arsenic	0.5	16.4	
3050B	10/20/06	200.8	10/24/06	7440-43-9	Cadmium	0.5	0.5	
3050B	10/20/06	200.8	10/24/06	7440-47-3	Chromium	1	38	
3050B	10/20/06	200.8	10/24/06	7440-48-4	Cobalt	0.5	10.0	
3050B	10/20/06	200.8	10/24/06	7440-50-8	Copper	1	98	
3050B	10/20/06	200.8	10/24/06	7439-92-1	Lead	2	67	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.09	0.32	
3050B	10/20/06	200.8	10/24/06	7439-98-7	Molybdenum	0.5	1.7	
3050B	10/20/06	200.8	10/24/06	7440-02-0	Nickel	1	33	
3050B	10/20/06	200.8	10/24/06	7782-49-2	Selenium	1	1	U
3050B	10/20/06	200.8	10/24/06	7440-22-4	Silver	0.5	0.5	U
3050B	10/20/06	200.8	10/24/06	7440-28-0	Thallium	0.5	0.5	U
3050B	10/20/06	200.8	10/24/06	7440-62-2	Vanadium	0.5	67.5	
3050B	10/20/06	200.8	10/24/06	7440-66-6	Zinc	10	240	

U-Analyte undetected at given RL
RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS


Page 1 of 1

Sample ID: LDW-SS335-010
DUPLICATE

Lab Sample ID: KA18A

LIMS ID: 06-18967

Matrix: Sediment

Data Release Authorized: 

Reported: 11/03/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

MATRIX DUPLICATE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample	Duplicate	RPD	Control Limit	Q
Antimony	200.8	0.5 U	0.5 U	0.0%	+/- 0.5	L
Arsenic	200.8	16.4	17.3	5.3%	+/- 20%	
Cadmium	200.8	0.5	0.6	18.2%	+/- 0.5	L
Chromium	200.8	38	40	5.1%	+/- 20%	
Cobalt	200.8	10.0	10.3	3.0%	+/- 20%	
Copper	200.8	98	102	4.0%	+/- 20%	
Lead	200.8	67	72	7.2%	+/- 20%	
Mercury	7471A	0.32	0.23	32.7%	+/- 0.09	L
Molybdenum	200.8	1.7	2.4	34.1%	+/- 0.5	L*
Nickel	200.8	33	36	8.7%	+/- 20%	
Selenium	200.8	1 U	1 U	0.0%	+/- 1	L
Silver	200.8	0.5 U	0.5 U	0.0%	+/- 0.5	L
Thallium	200.8	0.5 U	0.5 U	0.0%	+/- 0.5	L
Vanadium	200.8	67.5	67.7	0.3%	+/- 20%	
Zinc	200.8	240	250	4.1%	+/- 20%	

Reported in mg/kg-dry

*-Control Limit Not Met

L-RPD Invalid, Limit = Detection Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS336-010

SAMPLE

Lab Sample ID: JZ53I

LIMS ID: 06-18592

Matrix: Sediment

Data Release Authorized *[Signature]*

Reported: 10/30/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Percent Total Solids: 45.0%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/13/06	200.8	10/17/06	7440-36-0	Antimony	0.4	0.4	U
3050B	10/13/06	200.8	10/17/06	7440-38-2	Arsenic	0.4	14.3	
3050B	10/13/06	200.8	10/17/06	7440-43-9	Cadmium	0.4	0.4	U
3050B	10/13/06	200.8	10/26/06	7440-47-3	Chromium	1	26	
3050B	10/13/06	200.8	10/17/06	7440-48-4	Cobalt	0.4	8.3	
3050B	10/13/06	200.8	10/17/06	7440-50-8	Copper	1	58	
3050B	10/13/06	200.8	10/17/06	7439-92-1	Lead	2	33	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.07	0.16	
3050B	10/13/06	200.8	10/17/06	7439-98-7	Molybdenum	0.4	0.7	
3050B	10/13/06	200.8	10/17/06	7440-02-0	Nickel	1	22	
3050B	10/13/06	200.8	10/17/06	7782-49-2	Selenium	1	1	U
3050B	10/13/06	200.8	10/17/06	7440-22-4	Silver	0.4	0.4	U
3050B	10/13/06	200.8	10/17/06	7440-28-0	Thallium	0.4	0.4	U
3050B	10/13/06	200.8	10/17/06	7440-62-2	Vanadium	0.4	58.0	
3050B	10/13/06	200.8	10/17/06	7440-66-6	Zinc	9	121	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS337-010

SAMPLE

Lab Sample ID: JZ15J

LIMS ID: 06-18350

Matrix: Sediment

Data Release Authorized *[Signature]*

Reported: 10/30/06

QC Report No: JZ15-Windward Environmental, LLC

Project: LDW R1-R3 Surface Sediment

04-08-06-24

Date Sampled: 10/02/06

Date Received: 10/02/06

Percent Total Solids: 55.4%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/11/06	200.8	10/17/06	7440-36-0	Antimony	0.4	0.4	U
3050B	10/11/06	200.8	10/17/06	7440-38-2	Arsenic	0.4	8.8	
3050B	10/11/06	200.8	10/17/06	7440-43-9	Cadmium	0.4	0.4	U
3050B	10/11/06	200.8	10/26/06	7440-47-3	Chromium	2	23	
3050B	10/11/06	200.8	10/17/06	7440-48-4	Cobalt	0.4	7.5	
3050B	10/11/06	200.8	10/17/06	7440-50-8	Copper	0.9	30.5	
3050B	10/11/06	200.8	10/17/06	7439-92-1	Lead	2	14	
CLP	10/11/06	7471A	10/25/06	7439-97-6	Mercury	0.07	0.11	
3050B	10/11/06	200.8	10/17/06	7439-98-7	Molybdenum	0.4	0.4	
3050B	10/11/06	200.8	10/17/06	7440-02-0	Nickel	0.9	18.9	
3050B	10/11/06	200.8	10/17/06	7782-49-2	Selenium	0.9	0.9	U
3050B	10/11/06	200.8	10/17/06	7440-22-4	Silver	0.4	0.9	
3050B	10/11/06	200.8	10/17/06	7440-28-0	Thallium	0.4	0.4	U
3050B	10/11/06	200.8	10/17/06	7440-62-2	Vanadium	0.4	50.6	
3050B	10/11/06	200.8	10/17/06	7440-66-6	Zinc	7	85	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS402-010

SAMPLE

Lab Sample ID: JZ15K


QC Report No: JZ15-Windward Environmental, LLC

LIMS ID: 06-18351

Project: LDW R1-R3 Surface Sediment

Matrix: Sediment

04-08-06-24

Data Release Authorized: 

Date Sampled: 10/02/06

Reported: 10/30/06

Date Received: 10/02/06

Percent Total Solids: 55.6%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/11/06	200.8	10/17/06	7440-36-0	Antimony	0.3	0.3	U
3050B	10/11/06	200.8	10/17/06	7440-38-2	Arsenic	0.3	8.5	
3050B	10/11/06	200.8	10/17/06	7440-43-9	Cadmium	0.3	0.3	U
3050B	10/11/06	200.8	10/26/06	7440-47-3	Chromium	2	23	
3050B	10/11/06	200.8	10/17/06	7440-48-4	Cobalt	0.3	7.2	
3050B	10/11/06	200.8	10/17/06	7440-50-8	Copper	0.8	29.6	
3050B	10/11/06	200.8	10/17/06	7439-92-1	Lead	2	13	
CLP	10/11/06	7471A	10/25/06	7439-97-6	Mercury	0.07	0.11	
3050B	10/11/06	200.8	10/17/06	7439-98-7	Molybdenum	0.3	0.3	U
3050B	10/11/06	200.8	10/17/06	7440-02-0	Nickel	0.8	17.9	
3050B	10/11/06	200.8	10/17/06	7782-49-2	Selenium	0.8	0.8	U
3050B	10/11/06	200.8	10/17/06	7440-22-4	Silver	0.3	0.3	U
3050B	10/11/06	200.8	10/17/06	7440-28-0	Thallium	0.3	0.3	U
3050B	10/11/06	200.8	10/17/06	7440-62-2	Vanadium	0.3	48.3	
3050B	10/11/06	200.8	10/17/06	7440-66-6	Zinc	7	72	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS338-010

SAMPLE

Lab Sample ID: JZ53H

LIMS ID: 06-18591

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 10/30/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Percent Total Solids: 48.6%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/13/06	200.8	10/17/06	7440-36-0	Antimony	0.4	0.4	U
3050B	10/13/06	200.8	10/17/06	7440-38-2	Arsenic	0.4	8.7	
3050B	10/13/06	200.8	10/17/06	7440-43-9	Cadmium	0.4	0.4	U
3050B	10/13/06	200.8	10/26/06	7440-47-3	Chromium	1	26	
3050B	10/13/06	200.8	10/17/06	7440-48-4	Cobalt	0.4	8.3	
3050B	10/13/06	200.8	10/17/06	7440-50-8	Copper	1	43	
3050B	10/13/06	200.8	10/17/06	7439-92-1	Lead	2	22	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.07	0.13	
3050B	10/13/06	200.8	10/17/06	7439-98-7	Molybdenum	0.4	0.8	
3050B	10/13/06	200.8	10/17/06	7440-02-0	Nickel	1	22	
3050B	10/13/06	200.8	10/17/06	7782-49-2	Selenium	1	1	U
3050B	10/13/06	200.8	10/17/06	7440-22-4	Silver	0.4	0.4	U
3050B	10/13/06	200.8	10/17/06	7440-28-0	Thallium	0.4	0.4	U
3050B	10/13/06	200.8	10/17/06	7440-62-2	Vanadium	0.4	57.5	
3050B	10/13/06	200.8	10/17/06	7440-66-6	Zinc	8	95	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS339-010

SAMPLE

Lab Sample ID: JZ53F

LIMS ID: 06-18589

Matrix: Sediment

Data Release Authorized: *MC*

Reported: 10/30/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Percent Total Solids: 73.7%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/13/06	200.8	10/17/06	7440-36-0	Antimony	0.3	0.3	U
3050B	10/13/06	200.8	10/17/06	7440-38-2	Arsenic	0.3	6.2	
3050B	10/13/06	200.8	10/17/06	7440-43-9	Cadmium	0.3	0.3	U
3050B	10/13/06	200.8	10/17/06	7440-47-3	Chromium	0.7	15.9	
3050B	10/13/06	200.8	10/17/06	7440-48-4	Cobalt	0.3	5.9	
3050B	10/13/06	200.8	10/17/06	7440-50-8	Copper	0.7	17.9	
3050B	10/13/06	200.8	10/17/06	7439-92-1	Lead	1	15	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.06	0.08	
3050B	10/13/06	200.8	10/17/06	7439-98-7	Molybdenum	0.3	0.4	
3050B	10/13/06	200.8	10/17/06	7440-02-0	Nickel	0.7	11.4	
3050B	10/13/06	200.8	10/17/06	7782-49-2	Selenium	0.7	0.7	U
3050B	10/13/06	200.8	10/17/06	7440-22-4	Silver	0.3	0.3	U
3050B	10/13/06	200.8	10/17/06	7440-28-0	Thallium	0.3	0.3	U
3050B	10/13/06	200.8	10/17/06	7440-62-2	Vanadium	0.3	40.7	
3050B	10/13/06	200.8	10/17/06	7440-66-6	Zinc	5	51	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS340-010

SAMPLE

Lab Sample ID: JZ53G

LIMS ID: 06-18590

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 10/30/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Percent Total Solids: 54.9%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/13/06	200.8	10/17/06	7440-36-0	Antimony	0.4	0.4	U
3050B	10/13/06	200.8	10/17/06	7440-38-2	Arsenic	0.4	6.6	
3050B	10/13/06	200.8	10/17/06	7440-43-9	Cadmium	0.4	0.4	U
3050B	10/13/06	200.8	10/26/06	7440-47-3	Chromium	0.9	18.5	
3050B	10/13/06	200.8	10/17/06	7440-48-4	Cobalt	0.4	6.4	
3050B	10/13/06	200.8	10/17/06	7440-50-8	Copper	0.9	26.9	
3050B	10/13/06	200.8	10/17/06	7439-92-1	Lead	2	26	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.07	0.07	
3050B	10/13/06	200.8	10/17/06	7439-98-7	Molybdenum	0.4	0.5	
3050B	10/13/06	200.8	10/17/06	7440-02-0	Nickel	0.9	14.5	
3050B	10/13/06	200.8	10/17/06	7782-49-2	Selenium	0.9	0.9	U
3050B	10/13/06	200.8	10/17/06	7440-22-4	Silver	0.4	0.4	U
3050B	10/13/06	200.8	10/17/06	7440-28-0	Thallium	0.4	0.4	U
3050B	10/13/06	200.8	10/17/06	7440-62-2	Vanadium	0.4	49.9	
3050B	10/13/06	200.8	10/17/06	7440-66-6	Zinc	7	76	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS341-010

SAMPLE

Lab Sample ID: JZ53E

LIMS ID: 06-18588

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 10/30/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Percent Total Solids: 73.1%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/13/06	200.8	10/17/06	7440-36-0	Antimony	0.3	0.3	U
3050B	10/13/06	200.8	10/17/06	7440-38-2	Arsenic	0.3	5.4	
3050B	10/13/06	200.8	10/17/06	7440-43-9	Cadmium	0.3	0.3	U
3050B	10/13/06	200.8	10/26/06	7440-47-3	Chromium	0.6	14.4	
3050B	10/13/06	200.8	10/17/06	7440-48-4	Cobalt	0.3	5.9	
3050B	10/13/06	200.8	10/17/06	7440-50-8	Copper	0.6	18.2	
3050B	10/13/06	200.8	10/17/06	7439-92-1	Lead	1	9	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.05	0.06	
3050B	10/13/06	200.8	10/17/06	7439-98-7	Molybdenum	0.3	0.3	
3050B	10/13/06	200.8	10/17/06	7440-02-0	Nickel	0.6	14.1	
3050B	10/13/06	200.8	10/17/06	7782-49-2	Selenium	0.6	0.6	U
3050B	10/13/06	200.8	10/17/06	7440-22-4	Silver	0.3	0.3	U
3050B	10/13/06	200.8	10/17/06	7440-28-0	Thallium	0.3	0.3	U
3050B	10/13/06	200.8	10/17/06	7440-62-2	Vanadium	0.3	39.2	
3050B	10/13/06	200.8	10/17/06	7440-66-6	Zinc	5	61	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS342-010

SAMPLE

Lab Sample ID: JZ53C

LIMS ID: 06-18586

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 10/30/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Percent Total Solids: 71.9%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/13/06	200.8	10/17/06	7440-36-0	Antimony	0.3	0.3	U
3050B	10/13/06	200.8	10/17/06	7440-38-2	Arsenic	0.3	6.5	
3050B	10/13/06	200.8	10/17/06	7440-43-9	Cadmium	0.3	0.3	U
3050B	10/13/06	200.8	10/26/06	7440-47-3	Chromium	2	15	
3050B	10/13/06	200.8	10/17/06	7440-48-4	Cobalt	0.3	6.5	
3050B	10/13/06	200.8	10/17/06	7440-50-8	Copper	0.7	17.3	
3050B	10/13/06	200.8	10/17/06	7439-92-1	Lead	1	7	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.05	0.05	U
3050B	10/13/06	200.8	10/17/06	7439-98-7	Molybdenum	0.3	0.3	
3050B	10/13/06	200.8	10/17/06	7440-02-0	Nickel	0.7	15.4	
3050B	10/13/06	200.8	10/17/06	7782-49-2	Selenium	0.7	0.7	U
3050B	10/13/06	200.8	10/17/06	7440-22-4	Silver	0.3	0.3	
3050B	10/13/06	200.8	10/17/06	7440-28-0	Thallium	0.3	0.3	U
3050B	10/13/06	200.8	10/17/06	7440-62-2	Vanadium	0.3	40.9	
3050B	10/13/06	200.8	10/17/06	7440-66-6	Zinc	5	59	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS343-010

SAMPLE

Lab Sample ID: JZ53D

LIMS ID: 06-18587

Matrix: Sediment

Data Release Authorized: *JG*

Reported: 10/30/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Percent Total Solids: 58.6%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/13/06	200.8	10/17/06	7440-36-0	Antimony	0.3	0.3	U
3050B	10/13/06	200.8	10/17/06	7440-38-2	Arsenic	0.3	10.8	
3050B	10/13/06	200.8	10/17/06	7440-43-9	Cadmium	0.3	0.3	U
3050B	10/13/06	200.8	10/26/06	7440-47-3	Chromium	2	24	
3050B	10/13/06	200.8	10/17/06	7440-48-4	Cobalt	0.3	8.7	
3050B	10/13/06	200.8	10/17/06	7440-50-8	Copper	0.8	32.2	
3050B	10/13/06	200.8	10/17/06	7439-92-1	Lead	2	18	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.07	0.07	
3050B	10/13/06	200.8	10/17/06	7439-98-7	Molybdenum	0.3	0.8	
3050B	10/13/06	200.8	10/17/06	7440-02-0	Nickel	0.8	20.4	
3050B	10/13/06	200.8	10/17/06	7782-49-2	Selenium	0.8	0.8	U
3050B	10/13/06	200.8	10/17/06	7440-22-4	Silver	0.3	0.4	
3050B	10/13/06	200.8	10/17/06	7440-28-0	Thallium	0.3	0.3	U
3050B	10/13/06	200.8	10/17/06	7440-62-2	Vanadium	0.3	54.1	
3050B	10/13/06	200.8	10/17/06	7440-66-6	Zinc	7	105	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: **LDW-SS344-010**
SAMPLE

Lab Sample ID: JZ53B

LIMS ID: 06-18585

Matrix: Sediment

Data Release Authorized: *AK*

Reported: 10/30/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Percent Total Solids: 71.9%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/13/06	200.8	10/17/06	7440-36-0	Antimony	0.3	0.3	U
3050B	10/13/06	200.8	10/17/06	7440-38-2	Arsenic	0.3	6.0	
3050B	10/13/06	200.8	10/17/06	7440-43-9	Cadmium	0.3	0.3	U
3050B	10/13/06	200.8	10/17/06	7440-47-3	Chromium	0.7	13.1	
3050B	10/13/06	200.8	10/17/06	7440-48-4	Cobalt	0.3	6.6	
3050B	10/13/06	200.8	10/17/06	7440-50-8	Copper	0.7	16.2	
3050B	10/13/06	200.8	10/17/06	7439-92-1	Lead	1	6	
CLP	10/20/06	7471A	10/25/06	7439-97-6	Mercury	0.05	0.05	U
3050B	10/13/06	200.8	10/17/06	7439-98-7	Molybdenum	0.3	0.3	
3050B	10/13/06	200.8	10/17/06	7440-02-0	Nickel	0.7	14.5	
3050B	10/13/06	200.8	10/17/06	7782-49-2	Selenium	0.7	0.7	U
3050B	10/13/06	200.8	10/17/06	7440-22-4	Silver	0.3	0.3	U
3050B	10/13/06	200.8	10/17/06	7440-28-0	Thallium	0.3	0.3	U
3050B	10/13/06	200.8	10/17/06	7440-62-2	Vanadium	0.3	39.1	
3050B	10/13/06	200.8	10/17/06	7440-66-6	Zinc	5	57	

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS344-010

DUPLICATE

Lab Sample ID: JZ53B

LIMS ID: 06-18585

Matrix: Sediment

Data Release Authorized

Reported: 10/30/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

MATRIX DUPLICATE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample	Duplicate	RPD	Control Limit	Q
Antimony	200.8	0.3 U	0.3 U	0.0%	+/- 0.3	L
Arsenic	200.8	6.0	5.6	6.9%	+/- 20%	
Cadmium	200.8	0.3 U	0.3 U	0.0%	+/- 0.3	L
Chromium	200.8	13.1	11.8	10.4%	+/- 20%	
Cobalt	200.8	6.6	6.4	3.1%	+/- 20%	
Copper	200.8	16.2	16.7	3.0%	+/- 20%	
Lead	200.8	6	7	15.4%	+/- 1	L
Mercury	7471A	0.05 U	0.05 U	0.0%	+/- 0.05	L
Molybdenum	200.8	0.3	0.3	0.0%	+/- 0.3	L
Nickel	200.8	14.5	13.3	8.6%	+/- 20%	
Selenium	200.8	0.7 U	0.7 U	0.0%	+/- 0.7	L
Silver	200.8	0.3 U	0.3 U	0.0%	+/- 0.3	L
Thallium	200.8	0.3 U	0.3 U	0.0%	+/- 0.3	L
Vanadium	200.8	39.1	37.3	4.7%	+/- 20%	
Zinc	200.8	57	56	1.8%	+/- 20%	

Reported in mg/kg-dry

*--Control Limit Not Met

L-RPD Invalid, Limit = Detection Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS308-RB
SAMPLE

Lab Sample ID: JZ53P

LIMS ID: 06-18599

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 11/01/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	µg/L	Q
200.8	10/10/06	200.8	10/17/06	7440-36-0	Antimony	0.2	0.2	U
200.8	10/10/06	200.8	10/17/06	7440-38-2	Arsenic	0.2	0.2	U
200.8	10/10/06	200.8	10/17/06	7440-43-9	Cadmium	0.2	0.2	U
200.8	10/10/06	200.8	10/17/06	7440-47-3	Chromium	0.5	0.5	U
200.8	10/10/06	200.8	10/17/06	7440-48-4	Cobalt	0.2	0.2	U
200.8	10/10/06	200.8	10/17/06	7440-50-8	Copper	0.5	1.5	
200.8	10/10/06	200.8	10/17/06	7439-92-1	Lead	1	1	U
7470	10/10/06	7470A	10/25/06	7439-97-6	Mercury	0.1	0.1	U
200.8	10/10/06	200.8	10/17/06	7439-98-7	Molybdenum	0.2	0.2	U
200.8	10/10/06	200.8	10/17/06	7440-02-0	Nickel	0.5	0.5	U
200.8	10/10/06	200.8	10/17/06	7782-49-2	Selenium	0.5	0.5	U
200.8	10/10/06	200.8	10/17/06	7440-22-4	Silver	0.2	0.2	U
200.8	10/10/06	200.8	10/17/06	7440-28-0	Thallium	0.2	0.2	U
200.8	10/10/06	200.8	10/17/06	7440-62-2	Vanadium	0.2	0.2	U
200.8	10/10/06	200.8	10/17/06	7440-66-6	Zinc	4	4	U

U-Analyte undetected at given RL
RL-Reporting Limit



INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS325-RB
SAMPLE

Lab Sample ID: KA180
LIMS ID: 06-18981
Matrix: Water
Data Release Authorized:
Reported: 11/03/06

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	µg/L	Q
200.8	10/30/06	200.8	10/30/06	7440-36-0	Antimony	0.2	0.2	U
200.8	10/19/06	200.8	10/20/06	7440-38-2	Arsenic	0.2	0.2	U
200.8	10/19/06	200.8	10/20/06	7440-43-9	Cadmium	0.2	0.2	U
200.8	10/19/06	200.8	10/20/06	7440-47-3	Chromium	0.5	0.5	U
200.8	10/19/06	200.8	10/20/06	7440-48-4	Cobalt	0.2	0.2	U
200.8	10/19/06	200.8	10/20/06	7440-50-8	Copper	0.5	2.2	
200.8	10/30/06	200.8	10/30/06	7439-92-1	Lead	1	1	U
7470	10/19/06	7470A	10/25/06	7439-97-6	Mercury	0.1	0.1	U
200.8	10/19/06	200.8	10/20/06	7439-98-7	Molybdenum	0.2	0.2	U
200.8	10/19/06	200.8	10/20/06	7440-02-0	Nickel	0.5	0.5	U
200.8	10/30/06	200.8	10/30/06	7782-49-2	Selenium	0.5	0.5	U
200.8	10/19/06	200.8	10/20/06	7440-22-4	Silver	0.2	0.2	U
200.8	10/19/06	200.8	10/20/06	7440-28-0	Thallium	0.2	0.2	U
200.8	10/19/06	200.8	10/20/06	7440-62-2	Vanadium	0.2	0.2	U
200.8	10/19/06	200.8	10/20/06	7440-66-6	Zinc	4	5	

U-Analyte undetected at given RL
RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

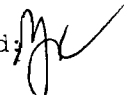
Sample ID: LDW-SS344-RB

SAMPLE

Lab Sample ID: JZ53A

LIMS ID: 06-18584

Matrix: Water

Data Release Authorized: 

Reported: 11/01/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	µg/L	Q
200.8	10/10/06	200.8	10/17/06	7440-36-0	Antimony	0.2	0.2	U
200.8	10/10/06	200.8	10/17/06	7440-38-2	Arsenic	0.2	0.2	U
200.8	10/10/06	200.8	10/17/06	7440-43-9	Cadmium	0.2	0.2	U
200.8	10/10/06	200.8	10/17/06	7440-47-3	Chromium	0.5	0.5	U
200.8	10/10/06	200.8	10/17/06	7440-48-4	Cobalt	0.2	0.2	U
200.8	10/10/06	200.8	10/17/06	7440-50-8	Copper	0.5	0.6	
200.8	10/10/06	200.8	10/17/06	7439-92-1	Lead	1	1	U
7470	10/10/06	7470A	10/25/06	7439-97-6	Mercury	0.1	0.1	U
200.8	10/10/06	200.8	10/17/06	7439-98-7	Molybdenum	0.2	0.2	U
200.8	10/10/06	200.8	10/17/06	7440-02-0	Nickel	0.5	0.5	U
200.8	10/10/06	200.8	10/17/06	7782-49-2	Selenium	0.5	0.5	U
200.8	10/10/06	200.8	10/17/06	7440-22-4	Silver	0.2	0.2	U
200.8	10/10/06	200.8	10/17/06	7440-28-0	Thallium	0.2	0.2	U
200.8	10/10/06	200.8	10/17/06	7440-62-2	Vanadium	0.2	0.2	U
200.8	10/10/06	200.8	10/17/06	7440-66-6	Zinc	4	4	U

U-Analyte undetected at given RL

RL-Reporting Limit

INORGANICS ANALYSIS DATA SHEET

TOTAL METALS

Page 1 of 1

Sample ID: LDW-SS344-RB

DUPLICATE

Lab Sample ID: JZ53A

LIMS ID: 06-18584

Matrix: Water

Data Release Authorized *[Signature]*

Reported: 11/01/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

MATRIX DUPLICATE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample	Duplicate	RPD	Control Limit	Q
Antimony	200.8	0.2 U	0.2 U	0.0%	+/- 0.2	L
Arsenic	200.8	0.2 U	0.2 U	0.0%	+/- 0.2	L
Cadmium	200.8	0.2 U	0.2 U	0.0%	+/- 0.2	L
Chromium	200.8	0.5 U	0.5 U	0.0%	+/- 0.5	L
Cobalt	200.8	0.2 U	0.2 U	0.0%	+/- 0.2	L
Copper	200.8	0.6	0.6	0.0%	+/- 0.5	L
Lead	200.8	1 U	1 U	0.0%	+/- 1	L
Mercury	7470A	0.1 U	0.1 U	0.0%	+/- 0.1	L
Molybdenum	200.8	0.2 U	0.2 U	0.0%	+/- 0.2	L
Nickel	200.8	0.5 U	0.5 U	0.0%	+/- 0.5	L
Selenium	200.8	0.5 U	0.5 U	0.0%	+/- 0.5	L
Silver	200.8	0.2 U	0.2 U	0.0%	+/- 0.2	L
Thallium	200.8	0.2 U	0.2 U	0.0%	+/- 0.2	L
Vanadium	200.8	0.2 U	0.2 U	0.0%	+/- 0.2	L
Zinc	200.8	4 U	4 U	0.0%	+/- 4	L

Reported in µg/L


*-Control Limit Not Met

L-RPD Invalid, Limit = Detection Limit

E-2 Organometals

ORGANICS ANALYSIS DATA SHEET
Tributyl Tins by Krone 1988 SIM GC/MS
 Page 1 of 1

Sample ID: LDW-SS301-010
SAMPLE

Lab Sample ID: JZ53J
 LIMS ID: 06-18593
 Matrix: Sediment
 Data Release Authorized: 
 Reported: 10/20/06

QC Report No: JZ53-Windward Environmental, LLC
 Project: LDW RI-Surface Sediment Chemistry
 Event: 04-08-06-24
 Date Sampled: 10/03/06
 Date Received: 10/03/06

Date Extracted: 10/17/06
 Date Analyzed: 10/19/06 15:12
 Instrument/Analyst: NT1/VTS
 Silica Gel Cleanup: No

Sample Amount: 5.29 g-dry-wt
 Final Extract Volume: 0.50 mL
 Dilution Factor: 1.00
 Alumina Cleanup: Yes
 Moisture: 29.8%

CAS Number	Analyte	RL	Result	Q
TBT_ION	Tributyl Tin Ion	3.7	17	
DBT_ION	Dibutyl Tin Ion	5.5	6.9	
BT_ION	Butyl Tin Ion	3.9	< 3.9	U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

TBT Surrogate Recovery

Tripropyl Tin Chloride	58.4%
Tripropyl Tin Chloride	76.8%

ORGANICS ANALYSIS DATA SHEET
Tributyl Tins by Krone 1988 SIM GC/MS
Page 1 of 1

Sample ID: LDW-SS403-010
SAMPLE

Lab Sample ID: JZ53U
LIMS ID: 06-18604
Matrix: Sediment
Data Release Authorized:
Reported: 10/20/06 *AS*

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/17/06
Date Analyzed: 10/19/06 16:09
Instrument/Analyst: NT1/VTS
Silica Gel Cleanup: No

Sample Amount: 5.05 g-dry-wt
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00
Alumina Cleanup: Yes
Moisture: 32.7%

CAS Number	Analyte	RL	Result	Q
TBT_ION	Tributyl Tin Ion	3.8	14	
DBT_ION	Dibutyl Tin Ion	5.7	< 5.7	U
BT_ION	Butyl Tin Ion	4.0	< 4.0	U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

TBT Surrogate Recovery

Tripropyl Tin Chloride	44.4%
Tripropyl Tin Chloride	65.9%

ORGANICS ANALYSIS DATA SHEET

Tributyl Tins by Krone 1988 SIM GC/MS

Page 1 of 1


Sample ID: LDW-SS302-010

SAMPLE

Lab Sample ID: JZ53K

LIMS ID: 06-18594

Matrix: Sediment

Data Release Authorized: 

Reported: 10/20/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

Event: 04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Date Extracted: 10/17/06

Date Analyzed: 10/19/06 15:31

Instrument/Analyst: NT1/VTS

Silica Gel Cleanup: No

Sample Amount: 5.11 g-dry-wt

Final Extract Volume: 0.50 mL

Dilution Factor: 1.00

Alumina Cleanup: Yes

Moisture: 51.5%

CAS Number	Analyte	RL	Result	Q
TBT_ION	Tributyl Tin Ion	3.8	55	
DBT_ION	Dibutyl Tin Ion	5.6	18	
BT_ION	Butyl Tin Ion	4.0	5.4	

Reported in $\mu\text{g}/\text{kg}$ (ppb)

TBT Surrogate Recovery

Tripropyl Tin Chloride	60.6%
Triphenyl Tin Chloride	78.8%



ORGANICS ANALYSIS DATA SHEET
 Tributyl Tins by Krone 1988 SIM GC/MS
 Page 1 of 1

Sample ID: LDW-SS310-010
 SAMPLE

Lab Sample ID: JZ53R
 LIMS ID: 06-18601
 Matrix: Sediment
 Data Release Authorized:
 Reported: 10/20/06

QC Report No: JZ53-Windward Environmental, LLC
 Project: LDW RI-Surface Sediment Chemistry
 Event: 04-08-06-24
 Date Sampled: 10/03/06
 Date Received: 10/03/06

Date Extracted: 10/17/06
 Date Analyzed: 10/19/06 15:50
 Instrument/Analyst: NT1/VTS
 Silica Gel Cleanup: No

Sample Amount: 5.11 g-dry-wt
 Final Extract Volume: 0.50 mL
 Dilution Factor: 1.00
 Alumina Cleanup: Yes
 Moisture: 51.4%

CAS Number	Analyte	RL	Result	Q
TBT_ION	Tributyl Tin Ion	3.8	73	
DBT_ION	Dibutyl Tin Ion	5.6	18	
BT_ION	Butyl Tin Ion	4.0	5.2	

Reported in $\mu\text{g}/\text{kg}$ (ppb)


TBT Surrogate Recovery

Tripropyl Tin Chloride	47.8%
Tripropyl Tin Chloride	63.8%

ORGANICS ANALYSIS DATA SHEET

Tributyl Tins by Krone 1988 SIM GC/MS
Page 1 of 1

Sample ID: LDW-SS308-RB
SAMPLE

Lab Sample ID: JZ53P
LIMS ID: 06-18599
Matrix: Water
Data Release Authorized: 
Reported: 10/19/06

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/10/06
Date Analyzed: 10/17/06 15:30
Instrument/Analyst: NT1/VTS

Sample Amount: 100 mL
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00
Alumina Cleanup: Yes

CAS Number	Analyte	RL	Result	Q
TBT_ION	Tributyl Tin Ion	0.19	< 0.19	U
DBT_ION	Dibutyl Tin Ion	0.29	< 0.29	U
BT_ION	Butyl Tin Ion	0.20	< 0.20	U

Reported in $\mu\text{g/L}$ (ppb)

TBT Surrogate Recovery

Tripropyl Tin Chloride	59.6%
Triphenyl Tin Chloride	61.1%

ORGANICS ANALYSIS DATA SHEET
Tributyl Tins by Krone 1988 SIM GC/MS
 Page 1 of 1

Sample ID: LDW-SS344-RB
SAMPLE

Lab Sample ID: JZ53A
 LIMS ID: 06-18584
 Matrix: Water
 Data Release Authorized: *[Signature]*
 Reported: 10/19/06

QC Report No: JZ53-Windward Environmental, LLC
 Project: LDW RI-Surface Sediment Chemistry
 Event: 04-08-06-24
 Date Sampled: 10/03/06
 Date Received: 10/03/06

Date Extracted: 10/10/06
 Date Analyzed: 10/17/06 15:11
 Instrument/Analyst: NT1/VTS

Sample Amount: 100 mL
 Final Extract Volume: 0.50 mL
 Dilution Factor: 1.00
 Alumina Cleanup: Yes

CAS Number	Analyte	RL	Result	Q
TBT_ION	Tributyl Tin Ion	0.19	< 0.19	U
DBT_ION	Dibutyl Tin Ion	0.29	< 0.29	U
BT_ION	Butyl Tin Ion	0.20	< 0.20	U

Reported in $\mu\text{g/L}$ (ppb)

TBT Surrogate Recovery

Tripropyl Tin Chloride	62.4%
Tripentyl Tin Chloride	65.0%

E-3 SVOCs– Full Scan

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 2

Sample ID: LDW-SS301-010
SAMPLE

Lab Sample ID: JZ53J
LIMS ID: 06-18593
Matrix: Sediment
Data Release Authorized: *VTS*
Reported: 11/07/06

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/17/06
Date Analyzed: 10/30/06 21:26
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 32.7 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 29.8%
pH: 7.5

CAS Number	Analyte	RL	Result
108-95-2	Phenol	61	< 61 U
111-44-4	Bis-(2-Chloroethyl) Ether	61	< 61 U
95-57-8	2-Chlorophenol	61	< 61 U
541-73-1	1,3-Dichlorobenzene	61	< 61 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	61	< 61 U
106-44-5	4-Methylphenol	61	< 61 U
67-72-1	Hexachloroethane	61	< 61 U
98-95-3	Nitrobenzene	61	< 61 U
78-59-1	Isophorone	61	< 61 U
88-75-5	2-Nitrophenol	310	< 310 U
65-85-0	Benzoic Acid	610	< 610 U
111-91-1	bis(2-Chloroethoxy) Methane	61	< 61 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
91-20-3	Naphthalene	61	< 61 U
106-47-8	4-Chloroaniline	310	< 310 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	61	< 61 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	61	< 61 U
88-74-4	2-Nitroaniline	310	< 310 U
208-96-8	Acenaphthylene	61	< 61 U
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	61	< 61 U
51-28-5	2,4-Dinitrophenol	610	< 610 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	61	< 61 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	61	< 61 U

ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS

Page 2 of 2

Sample ID: LDW-SS301-010

SAMPLE

Lab Sample ID: JZ53J

LIMS ID: 06-18593

Matrix: Sediment

Date Analyzed: 10/30/06 21:26

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

CAS Number	Analyte	RL	Result
7005-72-3	4-Chlorophenyl-phenylether	61	< 61 U
86-73-7	Fluorene	61	< 61 U
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	610	< 610 U
101-55-3	4-Bromophenyl-phenylether	61	< 61 U
85-01-8	Phenanthrene	61	130
120-12-7	Anthracene	61	73
84-74-2	Di-n-Butylphthalate	61	< 61 U
206-44-0	Fluoranthene	61	350
129-00-0	Pyrene	61	590
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo (a) anthracene	61	310
117-81-7	bis (2-Ethylhexyl) phthalate	61	190
218-01-9	Chrysene	61	520
117-84-0	Di-n-Octyl phthalate	61	< 61 U
205-99-2	Benzo (b) fluoranthene	61	520
207-08-9	Benzo (k) fluoranthene	61	280
50-32-8	Benzo (a) pyrene	61	320
193-39-5	Indeno (1, 2, 3-cd) pyrene	61	120
191-24-2	Benzo (g, h, i) perylene	61	110
62-53-3	Aniline	61	< 61 U
62-75-9	N-Nitrosodimethylamine	310	< 310 U
90-12-0	1-Methylnaphthalene	61	< 61 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	59.6%	2-Fluorobiphenyl	61.6%
d14-p-Terphenyl	53.2%	d4-1,2-Dichlorobenzene	58.8%
d5-Phenol	56.5%	2-Fluorophenol	58.9%
2,4,6-Tribromophenol	67.2%	d4-2-Chlorophenol	57.9%

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 2

Sample ID: LDW-SS403-010
SAMPLE

Lab Sample ID: JZ53U
LIMS ID: 06-18604
Matrix: Sediment
Data Release Authorized: **VTS**
Reported: 11/07/06

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/17/06
Date Analyzed: 10/31/06 10:45
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 32.4 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 32.7%
pH: 7.6

CAS Number	Analyte	RL	Result
108-95-2	Phenol	62	< 62 U
111-44-4	Bis-(2-Chloroethyl) Ether	62	< 62 U
95-57-8	2-Chlorophenol	62	< 62 U
541-73-1	1,3-Dichlorobenzene	62	< 62 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	62	< 62 U
106-44-5	4-Methylphenol	62	< 62 U
67-72-1	Hexachloroethane	62	< 62 U
98-95-3	Nitrobenzene	62	< 62 U
78-59-1	Isophorone	62	< 62 U
88-75-5	2-Nitrophenol	310	< 310 U
65-85-0	Benzoic Acid	620	< 620 U
111-91-1	bis(2-Chloroethoxy) Methane	62	< 62 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
91-20-3	Naphthalene	62	< 62 U
106-47-8	4-Chloroaniline	310	< 310 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	62	< 62 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	62	< 62 U
88-74-4	2-Nitroaniline	310	< 310 U
208-96-8	Acenaphthylene	62	81
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	62	< 62 U
51-28-5	2,4-Dinitrophenol	620	< 620 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	62	< 62 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	62	< 62 U

Sample ID: LDW-SS403-010
 SAMPLE

Lab Sample ID: JZ53U
 LIMS ID: 06-18604
 Matrix: Sediment
 Date Analyzed: 10/31/06 10:45

QC Report No: JZ53-Windward Environmental, LLC
 Project: LDW RI-Surface Sediment Chemistry
 04-08-06-24

CAS Number	Analyte	RL	Result
7005-72-3	4-Chlorophenyl-phenylether	62	< 62 U
86-73-7	Fluorene	62	39 J
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	620	< 620 U
101-55-3	4-Bromophenyl-phenylether	62	< 62 U
85-01-8	Phenanthrene	62	270
120-12-7	Anthracene	62	290
84-74-2	Di-n-Butylphthalate	62	32 J
206-44-0	Fluoranthene	62	620
129-00-0	Pyrene	62	3,100
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo (a) anthracene	62	2,200
117-81-7	bis (2-Ethylhexyl) phthalate	62	180
218-01-9	Chrysene	62	3,600
117-84-0	Di-n-Octyl phthalate	62	< 62 U
205-99-2	Benzo (b) fluoranthene	62	4,600
207-08-9	Benzo (k) fluoranthene	62	2,200
50-32-8	Benzo (a) pyrene	62	2,600
193-39-5	Indeno (1,2,3-cd) pyrene	62	1,100
191-24-2	Benzo (g,h,i) perylene	62	1,000
62-53-3	Aniline	62	< 62 U
62-75-9	N-Nitrosodimethylamine	310	< 310 U
90-12-0	1-Methylnaphthalene	62	< 62 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	60.8%	2-Fluorobiphenyl	63.2%
d14-p-Terphenyl	52.8%	d4-1,2-Dichlorobenzene	60.0%
d5-Phenol	61.9%	2-Fluorophenol	60.5%
2,4,6-Tribromophenol	65.6%	d4-2-Chlorophenol	60.8%

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 2

Sample ID: LDW-SS302-010
SAMPLE

Lab Sample ID: JZ53K
LIMS ID: 06-18594
Matrix: Sediment
Data Release Authorized: **VTS**
Reported: 11/07/06

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/17/06
Date Analyzed: 10/30/06 21:57
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 32.2 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 51.5%
pH: 7.5

CAS Number	Analyte	RL	Result
108-95-2	Phenol	62	< 62 U
111-44-4	Bis-(2-Chloroethyl) Ether	62	< 62 U
95-57-8	2-Chlorophenol	62	< 62 U
541-73-1	1,3-Dichlorobenzene	62	< 62 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	62	< 62 U
106-44-5	4-Methylphenol	62	< 62 U
67-72-1	Hexachloroethane	62	< 62 U
98-95-3	Nitrobenzene	62	< 62 U
78-59-1	Isophorone	62	< 62 U
88-75-5	2-Nitrophenol	310	< 310 U
65-85-0	Benzoic Acid	620	< 620 U
111-91-1	bis(2-Chloroethoxy) Methane	62	< 62 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
91-20-3	Naphthalene	62	< 62 U
106-47-8	4-Chloroaniline	310	< 310 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	62	< 62 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	62	< 62 U
88-74-4	2-Nitroaniline	310	< 310 U
208-96-8	Acenaphthylene	62	37 J
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	62	< 62 U
51-28-5	2,4-Dinitrophenol	620	< 620 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	62	< 62 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	62	< 62 U

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 2 of 2

Sample ID: LDW-SS302-010
SAMPLE

Lab Sample ID: JZ53K
LIMS ID: 06-18594
Matrix: Sediment
Date Analyzed: 10/30/06 21:57

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24

CAS Number	Analyte	RL	Result
7005-72-3	4-Chlorophenyl-phenylether	62	< 62 U
86-73-7	Fluorene	62	47 J
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	620	< 620 U
101-55-3	4-Bromophenyl-phenylether	62	< 62 U
85-01-8	Phenanthrene	62	760
120-12-7	Anthracene	62	100
84-74-2	Di-n-Butylphthalate	62	< 62 U
206-44-0	Fluoranthene	62	2,600
129-00-0	Pyrene	62	1,400
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo (a) anthracene	62	320
117-81-7	bis (2-Ethylhexyl) phthalate	62	800
218-01-9	Chrysene	62	890
117-84-0	Di-n-Octyl phthalate	62	< 62 U
205-99-2	Benzo (b) fluoranthene	62	820
207-08-9	Benzo (k) fluoranthene	62	440
50-32-8	Benzo (a) pyrene	62	380
193-39-5	Indeno (1,2,3-cd) pyrene	62	190
191-24-2	Benzo (g,h,i) perylene	62	180
62-53-3	Aniline	62	< 62 U
62-75-9	N-Nitrosodimethylamine	310	< 310 U
90-12-0	1-Methylnaphthalene	62	< 62 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	50.4%	2-Fluorobiphenyl	51.6%
d14-p-Terphenyl	40.4%	d4-1,2-Dichlorobenzene	46.8%
d5-Phenol	48.0%	2-Fluorophenol	48.3%
2,4,6-Tribromophenol	55.7%	d4-2-Chlorophenol	48.3%

Sample ID: LDW-SS303-010
SAMPLE

Lab Sample ID: KA18N
LIMS ID: 06-18980
Matrix: Sediment
Data Release Authorized: *AB*
Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Date Extracted: 10/18/06
Date Analyzed: 10/28/06 21:18
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 32.6 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 34.3%
pH: 8.0

CAS Number	Analyte	RL	Result
108-95-2	Phenol	61	110
111-44-4	Bis-(2-Chloroethyl) Ether	61	< 61 U
95-57-8	2-Chlorophenol	61	< 61 U
541-73-1	1,3-Dichlorobenzene	61	< 61 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	61	< 61 U
106-44-5	4-Methylphenol	61	< 61 U
67-72-1	Hexachloroethane	61	< 61 U
98-95-3	Nitrobenzene	61	< 61 U
78-59-1	Isophorone	61	< 61 U
88-75-5	2-Nitrophenol	310	< 310 U
65-85-0	Benzoic Acid	610	< 610 U
111-91-1	bis(2-Chloroethoxy) Methane	61	< 61 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
91-20-3	Naphthalene	61	< 61 U
106-47-8	4-Chloroaniline	310	< 310 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	61	< 61 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	61	< 61 U
88-74-4	2-Nitroaniline	310	< 310 U
208-96-8	Acenaphthylene	61	< 61 U
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	61	< 61 U
51-28-5	2,4-Dinitrophenol	610	< 610 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	61	< 61 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	61	< 61 U
7005-72-3	4-Chlorophenyl-phenylether	61	< 61 U
86-73-7	Fluorene	61	< 61 U
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	610	< 610 U
101-55-3	4-Bromophenyl-phenylether	61	< 61 U
85-01-8	Phenanthrene	61	190
120-12-7	Anthracene	61	130

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 2 of 2

Sample ID: LDW-SS303-010
SAMPLE

Lab Sample ID: KA18N
LIMS ID: 06-18980
Matrix: Sediment
Date Analyzed: 10/28/06 21:18

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
04-08-06-24

CAS Number	Analyte	RL	Result
84-74-2	Di-n-Butylphthalate	61	< 61 U
206-44-0	Fluoranthene	61	1,100
129-00-0	Pyrene	61	690
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo (a) anthracene	61	340
117-81-7	bis (2-Ethylhexyl) phthalate	61	310
218-01-9	Chrysene	61	860
117-84-0	Di-n-Octyl phthalate	61	< 61 U
205-99-2	Benzo (b) fluoranthene	61	780
207-08-9	Benzo (k) fluoranthene	61	530
50-32-8	Benzo (a) pyrene	61	390
193-39-5	Indeno (1,2,3-cd) pyrene	61	140
191-24-2	Benzo (g,h,i) perylene	61	140
62-53-3	Aniline	61	< 61 U
90-12-0	1-Methylnaphthalene	61	< 61 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	58.4%	2-Fluorobiphenyl	60.4%
d14-p-Terphenyl	57.2%	d4-1,2-Dichlorobenzene	56.4%
d5-Phenol	59.7%	2-Fluorophenol	57.1%
2,4,6-Tribromophenol	65.3%	d4-2-Chlorophenol	58.4%

ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS

Page 1 of 2

Sample ID: LDW-SS304-010

SAMPLE

Lab Sample ID: KA18R

LIMS ID: 06-18984

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Date Extracted: 10/18/06

Date Analyzed: 10/28/06 22:54

Instrument/Analyst: NT4/LJR

GPC Cleanup: Yes

Sample Amount: 32.5 g-dry-wt

Final Extract Volume: 2.0 mL

Dilution Factor: 1.00

Percent Moisture: 32.7%

pH: 7.5

CAS Number	Analyte	RL	Result
108-95-2	Phenol	62	< 62 U
111-44-4	Bis-(2-Chloroethyl) Ether	62	< 62 U
95-57-8	2-Chlorophenol	62	< 62 U
541-73-1	1,3-Dichlorobenzene	62	< 62 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	62	< 62 U
106-44-5	4-Methylphenol	62	< 62 U
67-72-1	Hexachloroethane	62	< 62 U
98-95-3	Nitrobenzene	62	< 62 U
78-59-1	Isophorone	62	< 62 U
88-75-5	2-Nitrophenol	310	< 310 U
65-85-0	Benzoic Acid	620	< 620 U
111-91-1	bis(2-Chloroethoxy) Methane	62	< 62 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
91-20-3	Naphthalene	62	< 62 U
106-47-8	4-Chloroaniline	310	< 310 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	62	< 62 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	62	< 62 U
88-74-4	2-Nitroaniline	310	< 310 U
208-96-8	Acenaphthylene	62	< 62 U
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	62	< 62 U
51-28-5	2,4-Dinitrophenol	620	< 620 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	62	< 62 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	62	< 62 U
7005-72-3	4-Chlorophenyl-phenylether	62	< 62 U
86-73-7	Fluorene	62	< 62 U
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	620	< 620 U
101-55-3	4-Bromophenyl-phenylether	62	< 62 U
85-01-8	Phenanthrene	62	110
120-12-7	Anthracene	62	47 J



ORGANICS ANALYSIS DATA SHEET
 PSDDA Semivolatiles by SW8270D GC/MS
 Page 2 of 2

Sample ID: LDW-SS304-010
 SAMPLE

Lab Sample ID: KA18R
 LIMS ID: 06-18984
 Matrix: Sediment
 Date Analyzed: 10/28/06 22:54

QC Report No: KA18-Windward Environmental, LLC
 Project: LDW RI-Round 3 Surface Sediment
 04-08-06-24

CAS Number	Analyte	RL	Result
84-74-2	Di-n-Butylphthalate	62	< 62 U
206-44-0	Fluoranthene	62	240
129-00-0	Pyrene	62	320
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo (a) anthracene	62	120
117-81-7	bis (2-Ethylhexyl) phthalate	62	460
218-01-9	Chrysene	62	210
117-84-0	Di-n-Octyl phthalate	62	< 62 U
205-99-2	Benzo (b) fluoranthene	62	340
207-08-9	Benzo (k) fluoranthene	62	170
50-32-8	Benzo (a) pyrene	62	190
193-39-5	Indeno (1,2,3-cd) pyrene	62	74
191-24-2	Benzo (g,h,i) perylene	62	72
62-53-3	Aniline	62	< 62 U
90-12-0	1-Methylnaphthalene	62	< 62 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	52.0%	2-Fluorobiphenyl	55.2%
d14-p-Terphenyl	48.4%	d4-1,2-Dichlorobenzene	48.8%
d5-Phenol	54.4%	2-Fluorophenol	51.2%
2,4,6-Tribromophenol	60.3%	d4-2-Chlorophenol	52.5%

ORGANICS ANALYSIS DATA SHEET
 PSDDA Semivolatiles by SW8270D GC/MS
 Page 1 of 2

Sample ID: LDW-SS305-010
 SAMPLE

Lab Sample ID: JZ53L
 LIMS ID: 06-18595
 Matrix: Sediment
 Data Release Authorized: **VTS**
 Reported: 11/07/06

QC Report No: JZ53-Windward Environmental, LLC
 Project: LDW RI-Surface Sediment Chemistry
 04-08-06-24
 Date Sampled: 10/03/06
 Date Received: 10/03/06

Date Extracted: 10/17/06
 Date Analyzed: 10/30/06 22:29
 Instrument/Analyst: NT4/LJR
 GPC Cleanup: Yes

Sample Amount: 32.6 g-dry-wt
 Final Extract Volume: 2.0 mL
 Dilution Factor: 1.00
 Percent Moisture: 50.2%
 pH: 7.5

CAS Number	Analyte	RL	Result
108-95-2	Phenol	61	85 B
111-44-4	Bis-(2-Chloroethyl) Ether	61	< 61 U
95-57-8	2-Chlorophenol	61	< 61 U
541-73-1	1,3-Dichlorobenzene	61	< 61 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	61	< 61 U
106-44-5	4-Methylphenol	61	< 61 U
67-72-1	Hexachloroethane	61	< 61 U
98-95-3	Nitrobenzene	61	< 61 U
78-59-1	Isophorone	61	< 61 U
88-75-5	2-Nitrophenol	310	< 310 U
65-85-0	Benzoic Acid	610	< 610 U
111-91-1	bis(2-Chloroethoxy) Methane	61	< 61 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
91-20-3	Naphthalene	61	120
106-47-8	4-Chloroaniline	310	< 310 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	61	85
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	61	< 61 U
88-74-4	2-Nitroaniline	310	< 310 U
208-96-8	Acenaphthylene	61	53 J
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	61	190
51-28-5	2,4-Dinitrophenol	610	< 610 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	61	170
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	61	< 61 U

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 2 of 2

Sample ID: LDW-SS305-010
SAMPLE

Lab Sample ID: JZ53L
LIMS ID: 06-18595
Matrix: Sediment
Date Analyzed: 10/30/06 22:29

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24

CAS Number	Analyte	RL	Result
7005-72-3	4-Chlorophenyl-phenylether	61	< 61 U
86-73-7	Fluorene	61	220
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	610	< 610 U
101-55-3	4-Bromophenyl-phenylether	61	< 61 U
85-01-8	Phenanthrene	61	1,000
120-12-7	Anthracene	61	420
84-74-2	Di-n-Butylphthalate	61	< 61 U
206-44-0	Fluoranthene	61	2,400
129-00-0	Pyrene	61	1,200
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo (a) anthracene	61	680
117-81-7	bis (2-Ethylhexyl) phthalate	61	440
218-01-9	Chrysene	61	1,100
117-84-0	Di-n-Octyl phthalate	61	< 61 U
205-99-2	Benzo (b) fluoranthene	61	840
207-08-9	Benzo (k) fluoranthene	61	610
50-32-8	Benzo (a) pyrene	61	570
193-39-5	Indeno (1,2,3-cd) pyrene	61	200
191-24-2	Benzo (g,h,i) perylene	61	190
62-53-3	Aniline	61	< 61 U
62-75-9	N-Nitrosodimethylamine	310	< 310 U
90-12-0	1-Methylnaphthalene	61	62

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	60.0%	2-Fluorobiphenyl	60.4%
d14-p-Terphenyl	49.2%	d4-1,2-Dichlorobenzene	58.0%
d5-Phenol	56.8%	2-Fluorophenol	57.9%
2,4,6-Tribromophenol	65.3%	d4-2-Chlorophenol	57.3%

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 2

Sample ID: LDW-SS306-010
SAMPLE

Lab Sample ID: JZ53N
LIMS ID: 06-18597
Matrix: Sediment
Data Release Authorized: **VTS**
Reported: 11/07/06

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/17/06
Date Analyzed: 10/30/06 23:31
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 32.7 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 22.5%
pH: 7.3

CAS Number	Analyte	RL	Result
108-95-2	Phenol	61	120 B
111-44-4	Bis-(2-Chloroethyl) Ether	61	< 61 U
95-57-8	2-Chlorophenol	61	< 61 U
541-73-1	1,3-Dichlorobenzene	61	< 61 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	61	< 61 U
106-44-5	4-Methylphenol	61	< 61 U
67-72-1	Hexachloroethane	61	< 61 U
98-95-3	Nitrobenzene	61	< 61 U
78-59-1	Isophorone	61	< 61 U
88-75-5	2-Nitrophenol	310	< 310 U
65-85-0	Benzoic Acid	610	< 610 U
111-91-1	bis(2-Chloroethoxy) Methane	61	< 61 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
91-20-3	Naphthalene	61	< 61 U
106-47-8	4-Chloroaniline	310	< 310 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	61	< 61 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	61	< 61 U
88-74-4	2-Nitroaniline	310	< 310 U
208-96-8	Acenaphthylene	61	< 61 U
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	61	< 61 U
51-28-5	2,4-Dinitrophenol	610	< 610 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	61	< 61 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	61	< 61 U

ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS
 Page 2 of 2



Sample ID: LDW-SS306-010
 SAMPLE

Lab Sample ID: JZ53N
 LIMS ID: 06-18597
 Matrix: Sediment
 Date Analyzed: 10/30/06 23:31

QC Report No: JZ53-Windward Environmental, LLC
 Project: LDW RI-Surface Sediment Chemistry
 04-08-06-24

CAS Number	Analyte	RL	Result
7005-72-3	4-Chlorophenyl-phenylether	61	< 61 U
86-73-7	Fluorene	61	< 61 U
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	610	< 610 U
101-55-3	4-Bromophenyl-phenylether	61	< 61 U
85-01-8	Phenanthrene	61	< 61 U
120-12-7	Anthracene	61	< 61 U
84-74-2	Di-n-Butylphthalate	61	< 61 U
206-44-0	Fluoranthene	61	< 61 U
129-00-0	Pyrene	61	< 61 U
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo (a) anthracene	61	< 61 U
117-81-7	bis (2-Ethylhexyl) phthalate	61	< 61 U
218-01-9	Chrysene	61	< 61 U
117-84-0	Di-n-Octyl phthalate	61	< 61 U
205-99-2	Benzo (b) fluoranthene	61	< 61 U
207-08-9	Benzo (k) fluoranthene	61	< 61 U
50-32-8	Benzo (a) pyrene	61	< 61 U
193-39-5	Indeno (1,2,3-cd) pyrene	61	< 61 U
191-24-2	Benzo (g,h,i) perylene	61	< 61 U
62-53-3	Aniline	61	< 61 U
62-75-9	N-Nitrosodimethylamine	310	< 310 U
90-12-0	1-Methylnaphthalene	61	< 61 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	68.0%	2-Fluorobiphenyl	66.8%
d14-p-Terphenyl	62.4%	d4-1,2-Dichlorobenzene	66.4%
d5-Phenol	61.9%	2-Fluorophenol	65.3%
2,4,6-Tribromophenol	70.9%	d4-2-Chlorophenol	64.3%

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 2

Sample ID: LDW-SS307-010
SAMPLE

Lab Sample ID: JZ53M
LIMS ID: 06-18596
Matrix: Sediment
Data Release Authorized: **VT**
Reported: 11/07/06

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/17/06
Date Analyzed: 10/30/06 23:00
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 33.0 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 44.0%
pH: 7.4

CAS Number	Analyte	RL	Result
108-95-2	Phenol	61	< 61 U
111-44-4	Bis-(2-Chloroethyl) Ether	61	< 61 U
95-57-8	2-Chlorophenol	61	< 61 U
541-73-1	1,3-Dichlorobenzene	61	< 61 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	61	< 61 U
106-44-5	4-Methylphenol	61	< 61 U
67-72-1	Hexachloroethane	61	< 61 U
98-95-3	Nitrobenzene	61	< 61 U
78-59-1	Isophorone	61	< 61 U
88-75-5	2-Nitrophenol	300	< 300 U
65-85-0	Benzoic Acid	610	< 610 U
111-91-1	bis(2-Chloroethoxy) Methane	61	< 61 U
120-83-2	2,4-Dichlorophenol	300	< 300 U
91-20-3	Naphthalene	61	90
106-47-8	4-Chloroaniline	300	< 300 U
59-50-7	4-Chloro-3-methylphenol	300	< 300 U
91-57-6	2-Methylnaphthalene	61	110
77-47-4	Hexachlorocyclopentadiene	300	< 300 U
88-06-2	2,4,6-Trichlorophenol	300	< 300 U
95-95-4	2,4,5-Trichlorophenol	300	< 300 U
91-58-7	2-Chloronaphthalene	61	< 61 U
88-74-4	2-Nitroaniline	300	< 300 U
208-96-8	Acenaphthylene	61	36 J
99-09-2	3-Nitroaniline	300	< 300 U
83-32-9	Acenaphthene	61	99
51-28-5	2,4-Dinitrophenol	610	< 610 U
100-02-7	4-Nitrophenol	300	< 300 U
132-64-9	Dibenzofuran	61	120
606-20-2	2,6-Dinitrotoluene	300	< 300 U
121-14-2	2,4-Dinitrotoluene	300	< 300 U
84-66-2	Diethylphthalate	61	< 61 U

Sample ID: LDW-SS307-010
 SAMPLE

Lab Sample ID: JZ53M
 LIMS ID: 06-18596
 Matrix: Sediment
 Date Analyzed: 10/30/06 23:00

QC Report No: JZ53-Windward Environmental, LLC
 Project: LDW RI-Surface Sediment Chemistry
 04-08-06-24

CAS Number	Analyte	RL	Result
7005-72-3	4-Chlorophenyl-phenylether	61	< 61 U
86-73-7	Fluorene	61	210
100-01-6	4-Nitroaniline	300	< 300 U
534-52-1	4,6-Dinitro-2-Methylphenol	610	< 610 U
101-55-3	4-Bromophenyl-phenylether	61	< 61 U
85-01-8	Phenanthrene	61	1,200
120-12-7	Anthracene	61	280
84-74-2	Di-n-Butylphthalate	61	< 61 U
206-44-0	Fluoranthene	61	2,500
129-00-0	Pyrene	61	1,400
91-94-1	3,3'-Dichlorobenzidine	300	< 300 U
56-55-3	Benzo (a) anthracene	61	870
117-81-7	bis (2-Ethylhexyl) phthalate	61	590
218-01-9	Chrysene	61	1,700
117-84-0	Di-n-Octyl phthalate	61	< 61 U
205-99-2	Benzo (b) fluoranthene	61	1,400
207-08-9	Benzo (k) fluoranthene	61	600
50-32-8	Benzo (a) pyrene	61	600
193-39-5	Indeno (1,2,3-cd) pyrene	61	210
191-24-2	Benzo (g,h,i) perylene	61	180
62-53-3	Aniline	61	< 61 U
62-75-9	N-Nitrosodimethylamine	300	< 300 U
90-12-0	1-Methylnaphthalene	61	81

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	55.6%	2-Fluorobiphenyl	58.0%
d14-p-Terphenyl	46.4%	d4-1,2-Dichlorobenzene	52.8%
d5-Phenol	52.8%	2-Fluorophenol	53.9%
2,4,6-Tribromophenol	62.7%	d4-2-Chlorophenol	53.3%

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 2

Sample ID: LDW-SS308-010
SAMPLE

Lab Sample ID: JZ530
LIMS ID: 06-18598
Matrix: Sediment
Data Release Authorized: **VT3**
Reported: 11/07/06

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/17/06
Date Analyzed: 10/31/06 01:05
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 32.8 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 47.1%
pH: 7.4

CAS Number	Analyte	RL	Result
108-95-2	Phenol	61	< 61 U
111-44-4	Bis-(2-Chloroethyl) Ether	61	< 61 U
95-57-8	2-Chlorophenol	61	< 61 U
541-73-1	1,3-Dichlorobenzene	61	< 61 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	61	< 61 U
106-44-5	4-Methylphenol	61	< 61 U
67-72-1	Hexachloroethane	61	< 61 U
98-95-3	Nitrobenzene	61	< 61 U
78-59-1	Isophorone	61	< 61 U
88-75-5	2-Nitrophenol	300	< 300 U
65-85-0	Benzoic Acid	610	< 610 U
111-91-1	bis(2-Chloroethoxy) Methane	61	< 61 U
120-83-2	2,4-Dichlorophenol	300	< 300 U
91-20-3	Naphthalene	61	< 61 U
106-47-8	4-Chloroaniline	300	< 300 U
59-50-7	4-Chloro-3-methylphenol	300	< 300 U
91-57-6	2-Methylnaphthalene	61	< 61 U
77-47-4	Hexachlorocyclopentadiene	300	< 300 U
88-06-2	2,4,6-Trichlorophenol	300	< 300 U
95-95-4	2,4,5-Trichlorophenol	300	< 300 U
91-58-7	2-Chloronaphthalene	61	< 61 U
88-74-4	2-Nitroaniline	300	< 300 U
208-96-8	Acenaphthylene	61	< 61 U
99-09-2	3-Nitroaniline	300	< 300 U
83-32-9	Acenaphthene	61	< 61 U
51-28-5	2,4-Dinitrophenol	610	< 610 U
100-02-7	4-Nitrophenol	300	< 300 U
132-64-9	Dibenzofuran	61	< 61 U
606-20-2	2,6-Dinitrotoluene	300	< 300 U
121-14-2	2,4-Dinitrotoluene	300	< 300 U
84-66-2	Diethylphthalate	61	< 61 U

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 2 of 2

Sample ID: LDW-SS308-010
SAMPLE

Lab Sample ID: JZ530
LIMS ID: 06-18598
Matrix: Sediment
Date Analyzed: 10/31/06 01:05

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24

CAS Number	Analyte	RL	Result
7005-72-3	4-Chlorophenyl-phenylether	61	< 61 U
86-73-7	Fluorene	61	< 61 U
100-01-6	4-Nitroaniline	300	< 300 U
534-52-1	4,6-Dinitro-2-Methylphenol	610	< 610 U
101-55-3	4-Bromophenyl-phenylether	61	< 61 U
85-01-8	Phenanthrene	61	200
120-12-7	Anthracene	61	100
84-74-2	Di-n-Butylphthalate	61	33 J
206-44-0	Fluoranthene	61	540
129-00-0	Pyrene	61	550
91-94-1	3,3'-Dichlorobenzidine	300	< 300 U
56-55-3	Benzo (a) anthracene	61	280
117-81-7	bis (2-Ethylhexyl) phthalate	61	350
218-01-9	Chrysene	61	500
117-84-0	Di-n-Octyl phthalate	61	< 61 U
205-99-2	Benzo (b) fluoranthene	61	480
207-08-9	Benzo (k) fluoranthene	61	410
50-32-8	Benzo (a) pyrene	61	380
193-39-5	Indeno (1,2,3-cd) pyrene	61	160
191-24-2	Benzo (g,h,i) perylene	61	170
62-53-3	Aniline	61	< 61 U
62-75-9	N-Nitrosodimethylamine	300	< 300 U
90-12-0	1-Methylnaphthalene	61	< 61 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	52.8%	2-Fluorobiphenyl	54.4%
d14-p-Terphenyl	42.8%	d4-1,2-Dichlorobenzene	51.2%
d5-Phenol	48.3%	2-Fluorophenol	49.9%
2,4,6-Tribromophenol	56.8%	d4-2-Chlorophenol	49.9%

ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS

Page 1 of 2

Sample ID: LDW-SS309-010

SAMPLE

Lab Sample ID: JZ53Q

LIMS ID: 06-18600

Matrix: Sediment

Data Release Authorized: **VTS**

Reported: 11/07/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Date Extracted: 10/17/06

Date Analyzed: 10/31/06 01:37

Instrument/Analyst: NT4/LJR

GPC Cleanup: Yes

Sample Amount: 32.9 g-dry-wt

Final Extract Volume: 2.0 mL

Dilution Factor: 1.00

Percent Moisture: 50.1%

pH: 7.5

CAS Number	Analyte	RL	Result
108-95-2	Phenol	61	< 61 U
111-44-4	Bis-(2-Chloroethyl) Ether	61	< 61 U
95-57-8	2-Chlorophenol	61	< 61 U
541-73-1	1,3-Dichlorobenzene	61	< 61 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	61	< 61 U
106-44-5	4-Methylphenol	61	< 61 U
67-72-1	Hexachloroethane	61	< 61 U
98-95-3	Nitrobenzene	61	< 61 U
78-59-1	Isophorone	61	< 61 U
88-75-5	2-Nitrophenol	300	< 300 U
65-85-0	Benzoic Acid	610	< 610 U
111-91-1	bis(2-Chloroethoxy) Methane	61	< 61 U
120-83-2	2,4-Dichlorophenol	300	< 300 U
91-20-3	Naphthalene	61	< 61 U
106-47-8	4-Chloroaniline	300	< 300 U
59-50-7	4-Chloro-3-methylphenol	300	< 300 U
91-57-6	2-Methylnaphthalene	61	< 61 U
77-47-4	Hexachlorocyclopentadiene	300	< 300 U
88-06-2	2,4,6-Trichlorophenol	300	< 300 U
95-95-4	2,4,5-Trichlorophenol	300	< 300 U
91-58-7	2-Chloronaphthalene	61	< 61 U
88-74-4	2-Nitroaniline	300	< 300 U
208-96-8	Acenaphthylene	61	< 61 U
99-09-2	3-Nitroaniline	300	< 300 U
83-32-9	Acenaphthene	61	< 61 U
51-28-5	2,4-Dinitrophenol	610	< 610 U
100-02-7	4-Nitrophenol	300	< 300 U
132-64-9	Dibenzofuran	61	< 61 U
606-20-2	2,6-Dinitrotoluene	300	< 300 U
121-14-2	2,4-Dinitrotoluene	300	< 300 U
84-66-2	Diethylphthalate	61	< 61 U

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 2 of 2

Sample ID: LDW-SS309-010
SAMPLE

Lab Sample ID: JZ53Q
LIMS ID: 06-18600
Matrix: Sediment
Date Analyzed: 10/31/06 01:37

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24

CAS Number	Analyte	RL	Result
7005-72-3	4-Chlorophenyl-phenylether	61	< 61 U
86-73-7	Fluorene	61	36 J
100-01-6	4-Nitroaniline	300	< 300 U
534-52-1	4,6-Dinitro-2-Methylphenol	610	< 610 U
101-55-3	4-Bromophenyl-phenylether	61	< 61 U
85-01-8	Phenanthrene	61	230
120-12-7	Anthracene	61	130
84-74-2	Di-n-Butylphthalate	61	36 J
206-44-0	Fluoranthene	61	570
129-00-0	Pyrene	61	500
91-94-1	3,3'-Dichlorobenzidine	300	< 300 U
56-55-3	Benzo(a)anthracene	61	330
117-81-7	bis(2-Ethylhexyl)phthalate	61	400
218-01-9	Chrysene	61	580
117-84-0	Di-n-Octyl phthalate	61	< 61 U
205-99-2	Benzo(b)fluoranthene	61	590
207-08-9	Benzo(k)fluoranthene	61	340
50-32-8	Benzo(a)pyrene	61	400
193-39-5	Indeno(1,2,3-cd)pyrene	61	160
191-24-2	Benzo(g,h,i)perylene	61	160
62-53-3	Aniline	61	< 61 U
62-75-9	N-Nitrosodimethylamine	300	< 300 U
90-12-0	1-Methylnaphthalene	61	< 61 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	55.6%	2-Fluorobiphenyl	57.6%
d14-p-Terphenyl	48.0%	d4-1,2-Dichlorobenzene	53.2%
d5-Phenol	51.7%	2-Fluorophenol	53.3%
2,4,6-Tribromophenol	60.3%	d4-2-Chlorophenol	52.5%

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 2

Sample ID: LDW-SS310-010
SAMPLE

Lab Sample ID: JZ53R
LIMS ID: 06-18601
Matrix: Sediment
Data Release Authorized: **VTS**
Reported: 11/07/06

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/17/06
Date Analyzed: 10/31/06 02:08
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 32.3 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 51.4%
pH: 7.5

CAS Number	Analyte	RL	Result
108-95-2	Phenol	62	< 62 U
111-44-4	Bis-(2-Chloroethyl) Ether	62	< 62 U
95-57-8	2-Chlorophenol	62	< 62 U
541-73-1	1,3-Dichlorobenzene	62	< 62 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	62	< 62 U
106-44-5	4-Methylphenol	62	< 62 U
67-72-1	Hexachloroethane	62	< 62 U
98-95-3	Nitrobenzene	62	< 62 U
78-59-1	Isophorone	62	< 62 U
88-75-5	2-Nitrophenol	310	< 310 U
65-85-0	Benzoic Acid	620	< 620 U
111-91-1	bis(2-Chloroethoxy) Methane	62	< 62 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
91-20-3	Naphthalene	62	37 J
106-47-8	4-Chloroaniline	310	< 310 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	62	< 62 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	62	< 62 U
88-74-4	2-Nitroaniline	310	< 310 U
208-96-8	Acenaphthylene	62	38 J
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	62	< 62 U
51-28-5	2,4-Dinitrophenol	620	< 620 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	62	< 62 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	62	< 62 U

Sample ID: LDW-SS310-010
 SAMPLE

Lab Sample ID: JZ53R
 LIMS ID: 06-18601
 Matrix: Sediment
 Date Analyzed: 10/31/06 02:08

QC Report No: JZ53-Windward Environmental, LLC
 Project: LDW RI-Surface Sediment Chemistry
 04-08-06-24

CAS Number	Analyte	RL	Result
7005-72-3	4-Chlorophenyl-phenylether	62	< 62 U
86-73-7	Fluorene	62	60 J
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	620	< 620 U
101-55-3	4-Bromophenyl-phenylether	62	< 62 U
85-01-8	Phenanthrene	62	430
120-12-7	Anthracene	62	170
84-74-2	Di-n-Butylphthalate	62	43 J
206-44-0	Fluoranthene	62	940
129-00-0	Pyrene	62	650
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo (a) anthracene	62	400
117-81-7	bis (2-Ethylhexyl) phthalate	62	510
218-01-9	Chrysene	62	720
117-84-0	Di-n-Octyl phthalate	62	< 62 U
205-99-2	Benzo (b) fluoranthene	62	640
207-08-9	Benzo (k) fluoranthene	62	420
50-32-8	Benzo (a) pyrene	62	430
193-39-5	Indeno (1,2,3-cd) pyrene	62	190
191-24-2	Benzo (g,h,i) perylene	62	180
62-53-3	Aniline	62	< 62 U
62-75-9	N-Nitrosodimethylamine	310	< 310 U
90-12-0	1-Methylnaphthalene	62	< 62 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	60.4%	2-Fluorobiphenyl	63.2%
d14-p-Terphenyl	51.6%	d4-1,2-Dichlorobenzene	58.4%
d5-Phenol	56.3%	2-Fluorophenol	57.6%
2,4,6-Tribromophenol	66.4%	d4-2-Chlorophenol	57.6%

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 2

Sample ID: LDW-SS311-010
SAMPLE

Lab Sample ID: JZ53S
LIMS ID: 06-18602
Matrix: Sediment
Data Release Authorized: **VTS**
Reported: 11/07/06

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/17/06
Date Analyzed: 10/31/06 02:39
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 32.3 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 69.1%
pH: 7.2

CAS Number	Analyte	RL	Result
108-95-2	Phenol	62	< 62 U
111-44-4	Bis-(2-Chloroethyl) Ether	62	< 62 U
95-57-8	2-Chlorophenol	62	< 62 U
541-73-1	1,3-Dichlorobenzene	62	< 62 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	62	< 62 U
106-44-5	4-Methylphenol	62	< 62 U
67-72-1	Hexachloroethane	62	< 62 U
98-95-3	Nitrobenzene	62	< 62 U
78-59-1	Isophorone	62	< 62 U
88-75-5	2-Nitrophenol	310	< 310 U
65-85-0	Benzoic Acid	620	< 620 U
111-91-1	bis(2-Chloroethoxy) Methane	62	< 62 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
91-20-3	Naphthalene	62	45 J
106-47-8	4-Chloroaniline	310	< 310 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	62	< 62 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	62	< 62 U
88-74-4	2-Nitroaniline	310	< 310 U
208-96-8	Acenaphthylene	62	130
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	62	< 62 U
51-28-5	2,4-Dinitrophenol	620	< 620 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	62	< 62 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	62	< 62 U

Sample ID: LDW-SS311-010
 SAMPLE

Lab Sample ID: JZ53S
 LIMS ID: 06-18602
 Matrix: Sediment
 Date Analyzed: 10/31/06 02:39

QC Report No: JZ53-Windward Environmental, LLC
 Project: LDW RI-Surface Sediment Chemistry
 04-08-06-24

CAS Number	Analyte	RL	Result
7005-72-3	4-Chlorophenyl-phenylether	62	< 62 U
86-73-7	Fluorene	62	61 J
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	620	< 620 U
101-55-3	4-Bromophenyl-phenylether	62	< 62 U
85-01-8	Phenanthrene	62	900
120-12-7	Anthracene	62	200
84-74-2	Di-n-Butylphthalate	62	43 J
206-44-0	Fluoranthene	62	3,900
129-00-0	Pyrene	62	2,800
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo (a) anthracene	62	820
117-81-7	bis (2-Ethylhexyl) phthalate	62	190
218-01-9	Chrysene	62	1,800
117-84-0	Di-n-Octyl phthalate	62	< 62 U
205-99-2	Benzo (b) fluoranthene	62	1,900
207-08-9	Benzo (k) fluoranthene	62	920
50-32-8	Benzo (a) pyrene	62	1,000
193-39-5	Indeno (1,2,3-cd) pyrene	62	420
191-24-2	Benzo (g,h,i) perylene	62	410
62-53-3	Aniline	62	< 62 U
90-12-0	1-Methylnaphthalene	62	< 62 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	58.8%	2-Fluorobiphenyl	61.2%
d14-p-Terphenyl	50.0%	d4-1,2-Dichlorobenzene	57.6%
d5-Phenol	56.3%	2-Fluorophenol	57.9%
2,4,6-Tribromophenol	64.3%	d4-2-Chlorophenol	57.9%

Sample ID: LDW-SS312-010
SAMPLE

Lab Sample ID: JZ53T
LIMS ID: 06-18603
Matrix: Sediment
Data Release Authorized: **VTS**
Reported: 11/07/06

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/17/06
Date Analyzed: 10/31/06 10:14
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 32.4 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 65.6%
pH: 7.3

CAS Number	Analyte	RL	Result
108-95-2	Phenol	62	75 B
111-44-4	Bis-(2-Chloroethyl) Ether	62	< 62 U
95-57-8	2-Chlorophenol	62	< 62 U
541-73-1	1,3-Dichlorobenzene	62	< 62 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	62	< 62 U
106-44-5	4-Methylphenol	62	36 J
67-72-1	Hexachloroethane	62	< 62 U
98-95-3	Nitrobenzene	62	< 62 U
78-59-1	Isophorone	62	< 62 U
88-75-5	2-Nitrophenol	310	< 310 U
65-85-0	Benzoic Acid	620	< 620 U
111-91-1	bis(2-Chloroethoxy) Methane	62	< 62 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
91-20-3	Naphthalene	62	180
106-47-8	4-Chloroaniline	310	< 310 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	62	96
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	62	< 62 U
88-74-4	2-Nitroaniline	310	< 310 U
208-96-8	Acenaphthylene	62	500
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	62	170
51-28-5	2,4-Dinitrophenol	620	< 620 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	62	130
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	62	< 62 U

Sample ID: LDW-SS312-010
 SAMPLE

Lab Sample ID: JZ53T
 LIMS ID: 06-18603
 Matrix: Sediment
 Date Analyzed: 10/31/06 10:14

QC Report No: JZ53-Windward Environmental, LLC
 Project: LDW RI-Surface Sediment Chemistry
 04-08-06-24

CAS Number	Analyte	RL	Result
7005-72-3	4-Chlorophenyl-phenylether	62	< 62 U
86-73-7	Fluorene	62	260
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	620	< 620 U
101-55-3	4-Bromophenyl-phenylether	62	< 62 U
85-01-8	Phenanthrene	62	3,400
120-12-7	Anthracene	62	710
84-74-2	Di-n-Butylphthalate	62	59 J
206-44-0	Fluoranthene	62	5,600 E
129-00-0	Pyrene	62	4,800
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo (a) anthracene	62	2,200
117-81-7	bis(2-Ethylhexyl)phthalate	62	140
218-01-9	Chrysene	62	3,000
117-84-0	Di-n-Octyl phthalate	62	< 62 U
205-99-2	Benzo (b) fluoranthene	62	3,000
207-08-9	Benzo (k) fluoranthene	62	1,700
50-32-8	Benzo (a) pyrene	62	3,200
193-39-5	Indeno (1,2,3-cd) pyrene	62	1,600
191-24-2	Benzo (g,h,i) perylene	62	1,600
62-53-3	Aniline	62	< 62 U
90-12-0	1-Methylnaphthalene	62	110

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	64.8%	2-Fluorobiphenyl	68.8%
d14-p-Terphenyl	56.8%	d4-1,2-Dichlorobenzene	63.6%
d5-Phenol	66.7%	2-Fluorophenol	63.2%
2,4,6-Tribromophenol	72.8%	d4-2-Chlorophenol	65.6%

ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS

Page 1 of 2

Sample ID: LDW-SS312-010
DILUTION

Lab Sample ID: JZ53T

LIMS ID: 06-18603

Matrix: Sediment

Data Release Authorized: VTS

Reported: 11/07/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Date Extracted: 10/17/06

Date Analyzed: 10/31/06 16:49

Instrument/Analyst: NT4/LJR

GPC Cleanup: Yes

Sample Amount: 32.4 g-dry-wt

Final Extract Volume: 2.0 mL

Dilution Factor: 3.00

Percent Moisture: 65.6%

pH: 7.3

CAS Number	Analyte	RL	Result
108-95-2	Phenol	180	< 180 U
111-44-4	Bis-(2-Chloroethyl) Ether	180	< 180 U
95-57-8	2-Chlorophenol	180	< 180 U
541-73-1	1,3-Dichlorobenzene	180	< 180 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	180	< 180 U
106-44-5	4-Methylphenol	180	< 180 U
67-72-1	Hexachloroethane	180	< 180 U
98-95-3	Nitrobenzene	180	< 180 U
78-59-1	Isophorone	180	< 180 U
88-75-5	2-Nitrophenol	930	< 930 U
65-85-0	Benzoic Acid	1,800	< 1,800 U
111-91-1	bis(2-Chloroethoxy) Methane	180	< 180 U
120-83-2	2,4-Dichlorophenol	930	< 930 U
91-20-3	Naphthalene	180	160 J
106-47-8	4-Chloroaniline	930	< 930 U
59-50-7	4-Chloro-3-methylphenol	930	< 930 U
91-57-6	2-Methylnaphthalene	180	< 180 U
77-47-4	Hexachlorocyclopentadiene	930	< 930 U
88-06-2	2,4,6-Trichlorophenol	930	< 930 U
95-95-4	2,4,5-Trichlorophenol	930	< 930 U
91-58-7	2-Chloronaphthalene	180	< 180 U
88-74-4	2-Nitroaniline	930	< 930 U
208-96-8	Acenaphthylene	180	470
99-09-2	3-Nitroaniline	930	< 930 U
83-32-9	Acenaphthene	180	140 J
51-28-5	2,4-Dinitrophenol	1,800	< 1,800 U
100-02-7	4-Nitrophenol	930	< 930 U
132-64-9	Dibenzofuran	180	< 180 U
606-20-2	2,6-Dinitrotoluene	930	< 930 U
121-14-2	2,4-Dinitrotoluene	930	< 930 U
84-66-2	Diethylphthalate	180	< 180 U

Sample ID: LDW-SS312-010
 DILUTION

Lab Sample ID: JZ53T
 LIMS ID: 06-18603
 Matrix: Sediment
 Date Analyzed: 10/31/06 16:49

QC Report No: JZ53-Windward Environmental, LLC
 Project: LDW RI-Surface Sediment Chemistry
 04-08-06-24

CAS Number	Analyte	RL	Result
7005-72-3	4-Chlorophenyl-phenylether	180	< 180 U
86-73-7	Fluorene	180	320
100-01-6	4-Nitroaniline	930	< 930 U
534-52-1	4,6-Dinitro-2-Methylphenol	1,800	< 1,800 U
101-55-3	4-Bromophenyl-phenylether	180	< 180 U
85-01-8	Phenanthrene	180	3,200
120-12-7	Anthracene	180	650
84-74-2	Di-n-Butylphthalate	180	< 180 U
206-44-0	Fluoranthene	180	4,900
129-00-0	Pyrene	180	4,300
91-94-1	3,3'-Dichlorobenzidine	930	< 930 U
56-55-3	Benzo (a) anthracene	180	1,900
117-81-7	bis (2-Ethylhexyl) phthalate	180	120 J
218-01-9	Chrysene	180	2,700
117-84-0	Di-n-Octyl phthalate	180	< 180 U
205-99-2	Benzo (b) fluoranthene	180	2,000
207-08-9	Benzo (k) fluoranthene	180	2,100
50-32-8	Benzo (a) pyrene	180	2,900
193-39-5	Indeno (1,2,3-cd) pyrene	180	1,500
191-24-2	Benzo (g,h,i) perylene	180	1,700
62-53-3	Aniline	180	< 180 U
90-12-0	1-Methylnaphthalene	180	< 180 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	59.4%	2-Fluorobiphenyl	61.6%
d14-p-Terphenyl	49.3%	d4-1,2-Dichlorobenzene	56.2%
d5-Phenol	57.8%	2-Fluorophenol	56.1%
2,4,6-Tribromophenol	60.8%	d4-2-Chlorophenol	58.3%

ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS

Page 1 of 2



Sample ID: LDW-SS313-010

SAMPLE

Lab Sample ID: KA18B

LIMS ID: 06-18968

Matrix: Sediment

Data Release Authorized: *AS*

Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Date Extracted: 10/18/06

Date Analyzed: 10/28/06 13:51

Instrument/Analyst: NT4/LJR

GPC Cleanup: Yes

Sample Amount: 32.5 g-dry-wt

Final Extract Volume: 2.0 mL

Dilution Factor: 1.00

Percent Moisture: 54.3%

pH: 6.8

CAS Number	Analyte	RL	Result
108-95-2	Phenol	62	< 62 U
111-44-4	Bis-(2-Chloroethyl) Ether	62	< 62 U
95-57-8	2-Chlorophenol	62	< 62 U
541-73-1	1,3-Dichlorobenzene	62	< 62 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	62	< 62 U
106-44-5	4-Methylphenol	62	< 62 U
67-72-1	Hexachloroethane	62	< 62 U
98-95-3	Nitrobenzene	62	< 62 U
78-59-1	Isophorone	62	< 62 U
88-75-5	2-Nitrophenol	310	< 310 U
65-85-0	Benzoic Acid	620	< 620 U
111-91-1	bis(2-Chloroethoxy) Methane	62	< 62 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
91-20-3	Naphthalene	62	< 62 U
106-47-8	4-Chloroaniline	310	< 310 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	62	< 62 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	62	< 62 U
88-74-4	2-Nitroaniline	310	< 310 U
208-96-8	Acenaphthylene	62	< 62 U
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	62	< 62 U
51-28-5	2,4-Dinitrophenol	620	< 620 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	62	< 62 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	62	< 62 U
7005-72-3	4-Chlorophenyl-phenylether	62	< 62 U
86-73-7	Fluorene	62	< 62 U
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	620	< 620 U
101-55-3	4-Bromophenyl-phenylether	62	< 62 U
85-01-8	Phenanthrene	62	160
120-12-7	Anthracene	62	33 J

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 2 of 2

Sample ID: LDW-SS313-010
SAMPLE

Lab Sample ID: KA18B
LIMS ID: 06-18968
Matrix: Sediment
Date Analyzed: 10/28/06 13:51

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
04-08-06-24

CAS Number	Analyte	RL	Result
84-74-2	Di-n-Butylphthalate	62	< 62 U
206-44-0	Fluoranthene	62	360
129-00-0	Pyrene	62	250
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo (a) anthracene	62	100
117-81-7	bis (2-Ethylhexyl) phthalate	62	55 J
218-01-9	Chrysene	62	150
117-84-0	Di-n-Octyl phthalate	62	< 62 U
205-99-2	Benzo (b) fluoranthene	62	120
207-08-9	Benzo (k) fluoranthene	62	120
50-32-8	Benzo (a) pyrene	62	120
193-39-5	Indeno (1,2,3-cd) pyrene	62	54 J
191-24-2	Benzo (g,h,i) perylene	62	65
62-53-3	Aniline	62	< 62 U
90-12-0	1-Methylnaphthalene	62	< 62 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	60.0%	2-Fluorobiphenyl	62.8%
d14-p-Terphenyl	56.8%	d4-1,2-Dichlorobenzene	57.6%
d5-Phenol	61.6%	2-Fluorophenol	58.9%
2,4,6-Tribromophenol	65.9%	d4-2-Chlorophenol	60.3%

ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS

Page 1 of 2

Sample ID: LDW-SS314-010

SAMPLE

Lab Sample ID: KA18C

LIMS ID: 06-18969

Matrix: Sediment

Data Release Authorized:

Reported: 02/09/07

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Date Extracted: 10/18/06

Date Analyzed: 10/28/06 14:23

Instrument/Analyst: NT4/VTS

GPC Cleanup: Yes

Sample Amount: 32.2 g-dry-wt

Final Extract Volume: 2.0 mL

Dilution Factor: 1.00

Percent Moisture: 49.0%

pH: 6.7

CAS Number	Analyte	RL	Result
108-95-2	Phenol	62	< 62 U
111-44-4	Bis-(2-Chloroethyl) Ether	62	< 62 U
95-57-8	2-Chlorophenol	62	< 62 U
541-73-1	1,3-Dichlorobenzene	62	< 62 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	62	< 62 U
106-44-5	4-Methylphenol	62	< 62 U
67-72-1	Hexachloroethane	62	< 62 U
98-95-3	Nitrobenzene	62	< 62 U
78-59-1	Isophorone	62	< 62 U
88-75-5	2-Nitrophenol	310	< 310 U
65-85-0	Benzoic Acid	620	< 620 U
111-91-1	bis(2-Chloroethoxy) Methane	62	< 62 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
91-20-3	Naphthalene	62	< 62 U
106-47-8	4-Chloroaniline	310	< 310 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	62	< 62 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	62	< 62 U
88-74-4	2-Nitroaniline	310	< 310 U
208-96-8	Acenaphthylene	62	< 62 U
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	62	< 62 U
51-28-5	2,4-Dinitrophenol	620	< 620 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	62	< 62 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	62	< 62 U
7005-72-3	4-Chlorophenyl-phenylether	62	< 62 U
86-73-7	Fluorene	62	< 62 U
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	620	< 620 U
101-55-3	4-Bromophenyl-phenylether	62	< 62 U
85-01-8	Phenanthrene	62	190
120-12-7	Anthracene	62	< 62 U

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 2 of 2

Sample ID: LDW-SS314-010
SAMPLE

Lab Sample ID: KA18C
LIMS ID: 06-18969
Matrix: Sediment
Date Analyzed: 10/28/06 14:23

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
04-08-06-24

CAS Number	Analyte	RL	Result
84-74-2	Di-n-Butylphthalate	62	< 62 U
206-44-0	Fluoranthene	62	300
129-00-0	Pyrene	62	270
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo (a) anthracene	62	100
117-81-7	bis (2-Ethylhexyl) phthalate	62	< 62 U
218-01-9	Chrysene	62	150
117-84-0	Di-n-Octyl phthalate	62	< 62 U
205-99-2	Benzo (b) fluoranthene	62	120
207-08-9	Benzo (k) fluoranthene	62	100
50-32-8	Benzo (a) pyrene	62	140
193-39-5	Indeno (1,2,3-cd) pyrene	62	71
191-24-2	Benzo (g,h,i) perylene	62	86
62-53-3	Aniline	62	< 62 U
90-12-0	1-Methylnaphthalene	62	< 62 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	54.8%	2-Fluorobiphenyl	56.4%
d14-p-Terphenyl	55.6%	d4-1,2-Dichlorobenzene	51.2%
d5-Phenol	56.5%	2-Fluorophenol	53.6%
2,4,6-Tribromophenol	62.4%	d4-2-Chlorophenol	55.2%

ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 2



Sample ID: LDW-SS315-010
SAMPLE

Lab Sample ID: KA18M
LIMS ID: 06-18979
Matrix: Sediment
Data Release Authorized:
Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Date Extracted: 10/18/06
Date Analyzed: 10/28/06 20:47
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 32.7 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 50.3%
pH: 8.1

CAS Number	Analyte	RL	Result
108-95-2	Phenol	61	84
111-44-4	Bis-(2-Chloroethyl) Ether	61	< 61 U
95-57-8	2-Chlorophenol	61	< 61 U
541-73-1	1,3-Dichlorobenzene	61	< 61 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	61	< 61 U
106-44-5	4-Methylphenol	61	< 61 U
67-72-1	Hexachloroethane	61	< 61 U
98-95-3	Nitrobenzene	61	< 61 U
78-59-1	Isophorone	61	< 61 U
88-75-5	2-Nitrophenol	310	< 310 U
65-85-0	Benzoic Acid	610	< 610 U
111-91-1	bis(2-Chloroethoxy) Methane	61	< 61 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
91-20-3	Naphthalene	61	< 61 U
106-47-8	4-Chloroaniline	310	< 310 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	61	< 61 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	61	< 61 U
88-74-4	2-Nitroaniline	310	< 310 U
208-96-8	Acenaphthylene	61	< 61 U
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	61	< 61 U
51-28-5	2,4-Dinitrophenol	610	< 610 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	61	< 61 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	61	< 61 U
7005-72-3	4-Chlorophenyl-phenylether	61	< 61 U
86-73-7	Fluorene	61	< 61 U
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	610	< 610 U
101-55-3	4-Bromophenyl-phenylether	61	< 61 U
85-01-8	Phenanthrene	61	61 J
120-12-7	Anthracene	61	< 61 U

Lab Sample ID: KA18M
 LIMS ID: 06-18979
 Matrix: Sediment
 Date Analyzed: 10/28/06 20:47

QC Report No: KA18-Windward Environmental, LLC
 Project: LDW RI-Round 3 Surface Sediment
 04-08-06-24

CAS Number	Analyte	RL	Result
84-74-2	Di-n-Butylphthalate	61	< 61 U
206-44-0	Fluoranthene	61	120
129-00-0	Pyrene	61	150
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo (a) anthracene	61	60 J
117-81-7	bis (2-Ethylhexyl) phthalate	61	92
218-01-9	Chrysene	61	80
117-84-0	Di-n-Octyl phthalate	61	< 61 U
205-99-2	Benzo (b) fluoranthene	61	100
207-08-9	Benzo (k) fluoranthene	61	86
50-32-8	Benzo (a) pyrene	61	72
193-39-5	Indeno (1,2,3-cd) pyrene	61	34 J
191-24-2	Benzo (g,h,i) perylene	61	31 J
62-53-3	Aniline	61	< 61 U
90-12-0	1-Methylnaphthalene	61	< 61 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	56.4%	2-Fluorobiphenyl	57.6%
d14-p-Terphenyl	37.8%	d4-1,2-Dichlorobenzene	55.6%
d5-Phenol	58.4%	2-Fluorophenol	57.1%
2,4,6-Tribromophenol	63.7%	d4-2-Chlorophenol	57.3%

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 2

Sample ID: LDW-SS316-010
SAMPLE

Lab Sample ID: KA18L
LIMS ID: 06-18978
Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Date Extracted: 10/18/06
Date Analyzed: 10/28/06 19:11
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 32.4 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 31.4%
pH: 7.5

CAS Number	Analyte	RL	Result
108-95-2	Phenol	62	57 J
111-44-4	Bis-(2-Chloroethyl) Ether	62	< 62 U
95-57-8	2-Chlorophenol	62	< 62 U
541-73-1	1,3-Dichlorobenzene	62	< 62 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	62	< 62 U
106-44-5	4-Methylphenol	62	< 62 U
67-72-1	Hexachloroethane	62	< 62 U
98-95-3	Nitrobenzene	62	< 62 U
78-59-1	Isophorone	62	< 62 U
88-75-5	2-Nitrophenol	310	< 310 U
65-85-0	Benzoic Acid	620	< 620 U
111-91-1	bis(2-Chloroethoxy) Methane	62	< 62 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
91-20-3	Naphthalene	62	< 62 U
106-47-8	4-Chloroaniline	310	< 310 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	62	< 62 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	62	< 62 U
88-74-4	2-Nitroaniline	310	< 310 U
208-96-8	Acenaphthylene	62	< 62 U
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	62	< 62 U
51-28-5	2,4-Dinitrophenol	620	< 620 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	62	< 62 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	62	< 62 U
7005-72-3	4-Chlorophenyl-phenylether	62	< 62 U
86-73-7	Fluorene	62	< 62 U
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	620	< 620 U
101-55-3	4-Bromophenyl-phenylether	62	< 62 U
85-01-8	Phenanthrene	62	200
120-12-7	Anthracene	62	60 J

ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS

Page 2 of 2

Sample ID: LDW-SS316-010

SAMPLE

Lab Sample ID: KA18L

LIMS ID: 06-18978

Matrix: Sediment

Date Analyzed: 10/28/06 19:11

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

CAS Number	Analyte	RL	Result
84-74-2	Di-n-Butylphthalate	62	< 62 U
206-44-0	Fluoranthene	62	6,600 E
129-00-0	Pyrene	62	3,100
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo(a)anthracene	62	220
117-81-7	bis(2-Ethylhexyl)phthalate	62	140
218-01-9	Chrysene	62	1,200
117-84-0	Di-n-Octyl phthalate	62	< 62 U
205-99-2	Benzo(b)fluoranthene	62	610
207-08-9	Benzo(k)fluoranthene	62	350
50-32-8	Benzo(a)pyrene	62	220
193-39-5	Indeno(1,2,3-cd)pyrene	62	83
191-24-2	Benzo(g,h,i)perylene	62	70
62-53-3	Aniline	62	< 62 U
90-12-0	1-Methylnaphthalene	62	< 62 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	58.0%	2-Fluorobiphenyl	60.4%
d14-p-Terphenyl	56.0%	d4-1,2-Dichlorobenzene	55.6%
d5-Phenol	60.3%	2-Fluorophenol	56.8%
2,4,6-Tribromophenol	65.9%	d4-2-Chlorophenol	59.2%

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 2

Sample ID: LDW-SS316-010
DILUTION

Lab Sample ID: KA18L
LIMS ID: 06-18978
Matrix: Sediment
Data Release Authorized:
Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Date Extracted: 10/18/06
Date Analyzed: 10/30/06 13:01
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 32.4 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 3.00
Percent Moisture: 31.4%
pH: 7.5

CAS Number	Analyte	RL	Result
108-95-2	Phenol	180	< 180 U
111-44-4	Bis-(2-Chloroethyl) Ether	180	< 180 U
95-57-8	2-Chlorophenol	180	< 180 U
541-73-1	1,3-Dichlorobenzene	180	< 180 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	180	< 180 U
106-44-5	4-Methylphenol	180	< 180 U
67-72-1	Hexachloroethane	180	< 180 U
98-95-3	Nitrobenzene	180	< 180 U
78-59-1	Isophorone	180	< 180 U
88-75-5	2-Nitrophenol	920	< 920 U
65-85-0	Benzoic Acid	1,800	< 1,800 U
111-91-1	bis(2-Chloroethoxy) Methane	180	< 180 U
120-83-2	2,4-Dichlorophenol	920	< 920 U
91-20-3	Naphthalene	180	< 180 U
106-47-8	4-Chloroaniline	920	< 920 U
59-50-7	4-Chloro-3-methylphenol	920	< 920 U
91-57-6	2-Methylnaphthalene	180	< 180 U
77-47-4	Hexachlorocyclopentadiene	920	< 920 U
88-06-2	2,4,6-Trichlorophenol	920	< 920 U
95-95-4	2,4,5-Trichlorophenol	920	< 920 U
91-58-7	2-Chloronaphthalene	180	< 180 U
88-74-4	2-Nitroaniline	920	< 920 U
208-96-8	Acenaphthylene	180	< 180 U
99-09-2	3-Nitroaniline	920	< 920 U
83-32-9	Acenaphthene	180	< 180 U
51-28-5	2,4-Dinitrophenol	1,800	< 1,800 U
100-02-7	4-Nitrophenol	920	< 920 U
132-64-9	Dibenzofuran	180	< 180 U
606-20-2	2,6-Dinitrotoluene	920	< 920 U
121-14-2	2,4-Dinitrotoluene	920	< 920 U
84-66-2	Diethylphthalate	180	< 180 U
7005-72-3	4-Chlorophenyl-phenylether	180	< 180 U
86-73-7	Fluorene	180	< 180 U
100-01-6	4-Nitroaniline	920	< 920 U
534-52-1	4,6-Dinitro-2-Methylphenol	1,800	< 1,800 U
101-55-3	4-Bromophenyl-phenylether	180	< 180 U
85-01-8	Phenanthrene	180	240
120-12-7	Anthracene	180	< 180 U

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 2 of 2

Sample ID: LDW-SS316-010
DILUTION

Lab Sample ID: KA18L
LIMS ID: 06-18978
Matrix: Sediment
Date Analyzed: 10/30/06 13:01

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
04-08-06-24

CAS Number	Analyte	RL	Result
84-74-2	Di-n-Butylphthalate	180	< 180 U
206-44-0	Fluoranthene	180	7,400
129-00-0	Pyrene	180	3,800
91-94-1	3,3'-Dichlorobenzidine	920	< 920 U
56-55-3	Benzo(a)anthracene	180	230
117-81-7	bis(2-Ethylhexyl)phthalate	180	< 180 U
218-01-9	Chrysene	180	1,200
117-84-0	Di-n-Octyl phthalate	180	< 180 U
205-99-2	Benzo(b)fluoranthene	180	660
207-08-9	Benzo(k)fluoranthene	180	320
50-32-8	Benzo(a)pyrene	180	240
193-39-5	Indeno(1,2,3-cd)pyrene	180	140 J
191-24-2	Benzo(g,h,i)perylene	180	150 J
62-53-3	Aniline	180	< 180 U
90-12-0	1-Methylnaphthalene	180	< 180 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	62.8%	2-Fluorobiphenyl	67.4%
d14-p-Terphenyl	68.4%	d4-1,2-Dichlorobenzene	58.7%
d5-Phenol	63.2%	2-Fluorophenol	59.2%
2,4,6-Tribromophenol	65.9%	d4-2-Chlorophenol	61.1%

Sample ID: LDW-SS317-010
SAMPLE

Lab Sample ID: KA18K
LIMS ID: 06-18977
Matrix: Sediment
Data Release Authorized:
Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Date Extracted: 10/18/06
Date Analyzed: 10/28/06 18:39
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 32.3 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 41.6%
pH: 7.6

CAS Number	Analyte	RL	Result
108-95-2	Phenol	62	< 62 U
111-44-4	Bis-(2-Chloroethyl) Ether	62	< 62 U
95-57-8	2-Chlorophenol	62	< 62 U
541-73-1	1,3-Dichlorobenzene	62	< 62 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	62	< 62 U
106-44-5	4-Methylphenol	62	< 62 U
67-72-1	Hexachloroethane	62	< 62 U
98-95-3	Nitrobenzene	62	< 62 U
78-59-1	Isophorone	62	< 62 U
88-75-5	2-Nitrophenol	310	< 310 U
65-85-0	Benzoic Acid	620	< 620 U
111-91-1	bis(2-Chloroethoxy) Methane	62	< 62 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
91-20-3	Naphthalene	62	< 62 U
106-47-8	4-Chloroaniline	310	< 310 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	62	< 62 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	62	< 62 U
88-74-4	2-Nitroaniline	310	< 310 U
208-96-8	Acenaphthylene	62	< 62 U
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	62	< 62 U
51-28-5	2,4-Dinitrophenol	620	< 620 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	62	< 62 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	62	< 62 U
7005-72-3	4-Chlorophenyl-phenylether	62	< 62 U
86-73-7	Fluorene	62	< 62 U
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	620	< 620 U
101-55-3	4-Bromophenyl-phenylether	62	< 62 U
85-01-8	Phenanthrene	62	170
120-12-7	Anthracene	62	79

ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS

Page 2 of 2

Sample ID: LDW-SS317-010

SAMPLE

Lab Sample ID: KA18K

QC Report No: KA18-Windward Environmental, LLC

LIMS ID: 06-18977

Project: LDW RI-Round 3 Surface Sediment

Matrix: Sediment

04-08-06-24

Date Analyzed: 10/28/06 18:39

CAS Number	Analyte	RL	Result
84-74-2	Di-n-Butylphthalate	62	< 62 U
206-44-0	Fluoranthene	62	390
129-00-0	Pyrene	62	450
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo (a) anthracene	62	180
117-81-7	bis (2-Ethylhexyl) phthalate	62	350
218-01-9	Chrysene	62	290
117-84-0	Di-n-Octyl phthalate	62	< 62 U
205-99-2	Benzo (b) fluoranthene	62	370
207-08-9	Benzo (k) fluoranthene	62	290
50-32-8	Benzo (a) pyrene	62	270
193-39-5	Indeno (1,2,3-cd) pyrene	62	100
191-24-2	Benzo (g,h,i) perylene	62	100
62-53-3	Aniline	62	< 62 U
90-12-0	1-Methylnaphthalene	62	< 62 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	57.2%	2-Fluorobiphenyl	60.4%
d14-p-Terphenyl	48.4%	d4-1,2-Dichlorobenzene	55.2%
d5-Phenol	59.5%	2-Fluorophenol	56.5%
2,4,6-Tribromophenol	64.8%	d4-2-Chlorophenol	58.1%

ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS

Page 1 of 2

Sample ID: LDW-SS318-010

SAMPLE

Lab Sample ID: KA18J

LIMS ID: 06-18976

Matrix: Sediment

Data Release Authorized:

Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Date Extracted: 10/18/06

Date Analyzed: 10/28/06 18:07

Instrument/Analyst: NT4/LJR

GPC Cleanup: Yes

Sample Amount: 32.8 g-dry-wt

Final Extract Volume: 2.0 mL

Dilution Factor: 1.00

Percent Moisture: 36.3%

pH: 7.5

CAS Number	Analyte	RL	Result
108-95-2	Phenol	61	< 61 U
111-44-4	Bis-(2-Chloroethyl) Ether	61	< 61 U
95-57-8	2-Chlorophenol	61	< 61 U
541-73-1	1,3-Dichlorobenzene	61	< 61 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	61	< 61 U
106-44-5	4-Methylphenol	61	< 61 U
67-72-1	Hexachloroethane	61	< 61 U
98-95-3	Nitrobenzene	61	< 61 U
78-59-1	Isophorone	61	< 61 U
88-75-5	2-Nitrophenol	300	< 300 U
65-85-0	Benzoic Acid	610	< 610 U
111-91-1	bis(2-Chloroethoxy) Methane	61	< 61 U
120-83-2	2,4-Dichlorophenol	300	< 300 U
91-20-3	Naphthalene	61	< 61 U
106-47-8	4-Chloroaniline	300	< 300 U
59-50-7	4-Chloro-3-methylphenol	300	< 300 U
91-57-6	2-Methylnaphthalene	61	< 61 U
77-47-4	Hexachlorocyclopentadiene	300	< 300 U
88-06-2	2,4,6-Trichlorophenol	300	< 300 U
95-95-4	2,4,5-Trichlorophenol	300	< 300 U
91-58-7	2-Chloronaphthalene	61	< 61 U
88-74-4	2-Nitroaniline	300	< 300 U
208-96-8	Acenaphthylene	61	< 61 U
99-09-2	3-Nitroaniline	300	< 300 U
83-32-9	Acenaphthene	61	< 61 U
51-28-5	2,4-Dinitrophenol	610	< 610 U
100-02-7	4-Nitrophenol	300	< 300 U
132-64-9	Dibenzofuran	61	< 61 U
606-20-2	2,6-Dinitrotoluene	300	< 300 U
121-14-2	2,4-Dinitrotoluene	300	< 300 U
84-66-2	Diethylphthalate	61	< 61 U
7005-72-3	4-Chlorophenyl-phenylether	61	< 61 U
86-73-7	Fluorene	61	< 61 U
100-01-6	4-Nitroaniline	300	< 300 U
534-52-1	4,6-Dinitro-2-Methylphenol	610	< 610 U
101-55-3	4-Bromophenyl-phenylether	61	< 61 U
85-01-8	Phenanthrene	61	160
120-12-7	Anthracene	61	53 J

ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS
Page 2 of 2

Sample ID: LDW-SS318-010
SAMPLE

Lab Sample ID: KA18J
LIMS ID: 06-18976
Matrix: Sediment
Date Analyzed: 10/28/06 18:07

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
04-08-06-24

CAS Number	Analyte	RL	Result
84-74-2	Di-n-Butylphthalate	61	< 61 U
206-44-0	Fluoranthene	61	370
129-00-0	Pyrene	61	350
91-94-1	3,3'-Dichlorobenzidine	300	< 300 U
56-55-3	Benzo (a) anthracene	61	150
117-81-7	bis (2-Ethylhexyl) phthalate	61	240
218-01-9	Chrysene	61	250
117-84-0	Di-n-Octyl phthalate	61	< 61 U
205-99-2	Benzo (b) fluoranthene	61	270
207-08-9	Benzo (k) fluoranthene	61	200
50-32-8	Benzo (a) pyrene	61	200
193-39-5	Indeno (1,2,3-cd) pyrene	61	81
191-24-2	Benzo (g, h, i) perylene	61	79
62-53-3	Aniline	61	< 61 U
90-12-0	1-Methylnaphthalene	61	< 61 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	64.4%	2-Fluorobiphenyl	66.8%
d14-p-Terphenyl	61.2%	d4-1,2-Dichlorobenzene	64.0%
d5-Phenol	65.6%	2-Fluorophenol	63.7%
2,4,6-Tribromophenol	71.5%	d4-2-Chlorophenol	65.1%

ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS

Page 1 of 2

Sample ID: LDW-SS319-010

SAMPLE

Lab Sample ID: KA18G

LIMS ID: 06-18973

Matrix: Sediment

Data Release Authorized:

Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Date Extracted: 10/18/06

Date Analyzed: 10/28/06 16:31

Instrument/Analyst: NT4/LJR

GPC Cleanup: Yes

Sample Amount: 32.8 g-dry-wt

Final Extract Volume: 2.0 mL

Dilution Factor: 1.00

Percent Moisture: 55.6%

pH: 7.5

CAS Number	Analyte	RL	Result
108-95-2	Phenol	61	< 61 U
111-44-4	Bis-(2-Chloroethyl) Ether	61	< 61 U
95-57-8	2-Chlorophenol	61	< 61 U
541-73-1	1,3-Dichlorobenzene	61	< 61 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	61	< 61 U
106-44-5	4-Methylphenol	61	< 61 U
67-72-1	Hexachloroethane	61	< 61 U
98-95-3	Nitrobenzene	61	< 61 U
78-59-1	Isophorone	61	< 61 U
88-75-5	2-Nitrophenol	300	< 300 U
65-85-0	Benzoic Acid	610	< 610 U
111-91-1	bis(2-Chloroethoxy) Methane	61	< 61 U
120-83-2	2,4-Dichlorophenol	300	< 300 U
91-20-3	Naphthalene	61	< 61 U
106-47-8	4-Chloroaniline	300	< 300 U
59-50-7	4-Chloro-3-methylphenol	300	< 300 U
91-57-6	2-Methylnaphthalene	61	< 61 U
77-47-4	Hexachlorocyclopentadiene	300	< 300 U
88-06-2	2,4,6-Trichlorophenol	300	< 300 U
95-95-4	2,4,5-Trichlorophenol	300	< 300 U
91-58-7	2-Chloronaphthalene	61	< 61 U
88-74-4	2-Nitroaniline	300	< 300 U
208-96-8	Acenaphthylene	61	< 61 U
99-09-2	3-Nitroaniline	300	< 300 U
83-32-9	Acenaphthene	61	< 61 U
51-28-5	2,4-Dinitrophenol	610	< 610 U
100-02-7	4-Nitrophenol	300	< 300 U
132-64-9	Dibenzofuran	61	< 61 U
606-20-2	2,6-Dinitrotoluene	300	< 300 U
121-14-2	2,4-Dinitrotoluene	300	< 300 U
84-66-2	Diethylphthalate	61	< 61 U
7005-72-3	4-Chlorophenyl-phenylether	61	< 61 U
86-73-7	Fluorene	61	43 J
100-01-6	4-Nitroaniline	300	< 300 U
534-52-1	4,6-Dinitro-2-Methylphenol	610	< 610 U
101-55-3	4-Bromophenyl-phenylether	61	< 61 U
85-01-8	Phenanthrene	61	230
120-12-7	Anthracene	61	130

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 2 of 2

Sample ID: LDW-SS319-010
SAMPLE

Lab Sample ID: KA18G
LIMS ID: 06-18973
Matrix: Sediment
Date Analyzed: 10/28/06 16:31

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
04-08-06-24

CAS Number	Analyte	RL	Result
84-74-2	Di-n-Butylphthalate	61	< 61 U
206-44-0	Fluoranthene	61	760
129-00-0	Pyrene	61	540
91-94-1	3,3'-Dichlorobenzidine	300	< 300 U
56-55-3	Benzo (a) anthracene	61	330
117-81-7	bis (2-Ethylhexyl) phthalate	61	520
218-01-9	Chrysene	61	540
117-84-0	Di-n-Octyl phthalate	61	< 61 U
205-99-2	Benzo (b) fluoranthene	61	560
207-08-9	Benzo (k) fluoranthene	61	390
50-32-8	Benzo (a) pyrene	61	390
193-39-5	Indeno (1,2,3-cd) pyrene	61	150
191-24-2	Benzo (g,h,i) perylene	61	150
62-53-3	Aniline	61	< 61 U
90-12-0	1-Methylnaphthalene	61	< 61 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	56.8%	2-Fluorobiphenyl	58.8%
d14-p-Terphenyl	50.4%	d4-1,2-Dichlorobenzene	54.0%
d5-Phenol	57.1%	2-Fluorophenol	54.7%
2,4,6-Tribromophenol	62.9%	d4-2-Chlorophenol	56.5%

ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS

Page 1 of 2

Sample ID: LDW-SS320-010

SAMPLE

Lab Sample ID: KA18F

LIMS ID: 06-18972

Matrix: Sediment

Data Release Authorized:

Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Date Extracted: 10/18/06

Date Analyzed: 10/28/06 15:59

Instrument/Analyst: NT4/LJR

GPC Cleanup: Yes

Sample Amount: 32.4 g-dry-wt

Final Extract Volume: 2.0 mL

Dilution Factor: 1.00

Percent Moisture: 54.9%

pH: 7.5

CAS Number	Analyte	RL	Result
108-95-2	Phenol	62	< 62 U
111-44-4	Bis-(2-Chloroethyl) Ether	62	< 62 U
95-57-8	2-Chlorophenol	62	< 62 U
541-73-1	1,3-Dichlorobenzene	62	< 62 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	62	< 62 U
106-44-5	4-Methylphenol	62	< 62 U
67-72-1	Hexachloroethane	62	< 62 U
98-95-3	Nitrobenzene	62	< 62 U
78-59-1	Isophorone	62	< 62 U
88-75-5	2-Nitrophenol	310	< 310 U
65-85-0	Benzoic Acid	620	< 620 U
111-91-1	bis(2-Chloroethoxy) Methane	62	< 62 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
91-20-3	Naphthalene	62	< 62 U
106-47-8	4-Chloroaniline	310	< 310 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	62	< 62 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	62	< 62 U
88-74-4	2-Nitroaniline	310	< 310 U
208-96-8	Acenaphthylene	62	32 J
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	62	< 62 U
51-28-5	2,4-Dinitrophenol	620	< 620 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	62	< 62 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	62	< 62 U
7005-72-3	4-Chlorophenyl-phenylether	62	< 62 U
86-73-7	Fluorene	62	47 J
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	620	< 620 U
101-55-3	4-Bromophenyl-phenylether	62	< 62 U
85-01-8	Phenanthrene	62	250
120-12-7	Anthracene	62	150

ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS

Page 2 of 2

Sample ID: LDW-SS320-010

SAMPLE

Lab Sample ID: KA18F

LIMS ID: 06-18972

Matrix: Sediment

Date Analyzed: 10/28/06 15:59

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

CAS Number	Analyte	RL	Result
84-74-2	Di-n-Butylphthalate	62	< 62 U
206-44-0	Fluoranthene	62	860
129-00-0	Pyrene	62	650
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo (a) anthracene	62	370
117-81-7	bis (2-Ethylhexyl) phthalate	62	550
218-01-9	Chrysene	62	630
117-84-0	Di-n-Octyl phthalate	62	< 62 U
205-99-2	Benzo (b) fluoranthene	62	590
207-08-9	Benzo (k) fluoranthene	62	490
50-32-8	Benzo (a) pyrene	62	440
193-39-5	Indeno (1,2,3-cd) pyrene	62	170
191-24-2	Benzo (g,h,i) perylene	62	170
62-53-3	Aniline	62	< 62 U
90-12-0	1-Methylnaphthalene	62	< 62 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	61.6%	2-Fluorobiphenyl	64.0%
d14-p-Terphenyl	54.4%	d4-1,2-Dichlorobenzene	58.0%
d5-Phenol	62.4%	2-Fluorophenol	59.2%
2,4,6-Tribromophenol	68.5%	d4-2-Chlorophenol	61.6%

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 2

Sample ID: LDW-SS321-010
SAMPLE

Lab Sample ID: KA18I
LIMS ID: 06-18975
Matrix: Sediment
Data Release Authorized:
Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Date Extracted: 10/18/06
Date Analyzed: 10/31/06 12:48
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 32.5 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 32.7%
pH: 7.9

CAS Number	Analyte	RL	Result
108-95-2	Phenol	62	140
111-44-4	Bis-(2-Chloroethyl) Ether	62	< 62 U
95-57-8	2-Chlorophenol	62	< 62 U
541-73-1	1,3-Dichlorobenzene	62	< 62 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	62	< 62 U
106-44-5	4-Methylphenol	62	< 62 U
67-72-1	Hexachloroethane	62	< 62 U
98-95-3	Nitrobenzene	62	< 62 U
78-59-1	Isophorone	62	< 62 U
88-75-5	2-Nitrophenol	310	< 310 U
65-85-0	Benzoic Acid	620	< 620 U
111-91-1	bis(2-Chloroethoxy) Methane	62	< 62 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
91-20-3	Naphthalene	62	< 62 U
106-47-8	4-Chloroaniline	310	< 310 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	62	< 62 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	62	< 62 U
88-74-4	2-Nitroaniline	310	< 310 U
208-96-8	Acenaphthylene	62	< 62 U
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	62	< 62 U
51-28-5	2,4-Dinitrophenol	620	< 620 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	62	< 62 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	62	< 62 U
7005-72-3	4-Chlorophenyl-phenylether	62	< 62 U
86-73-7	Fluorene	62	< 62 U
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	620	< 620 U
101-55-3	4-Bromophenyl-phenylether	62	< 62 U
85-01-8	Phenanthrene	62	130
120-12-7	Anthracene	62	58 J

ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS
Page 2 of 2

Sample ID: LDW-SS321-010
SAMPLE

Lab Sample ID: KA18I
LIMS ID: 06-18975
Matrix: Sediment
Date Analyzed: 10/31/06 12:48

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
04-08-06-24

CAS Number	Analyte	RL	Result
84-74-2	Di-n-Butylphthalate	62	< 62 U
206-44-0	Fluoranthene	62	370
129-00-0	Pyrene	62	370
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo (a) anthracene	62	160
117-81-7	bis (2-Ethylhexyl) phthalate	62	200
218-01-9	Chrysene	62	220
117-84-0	Di-n-Octyl phthalate	62	< 62 U
205-99-2	Benzo (b) fluoranthene	62	190
207-08-9	Benzo (k) fluoranthene	62	180
50-32-8	Benzo (a) pyrene	62	160
193-39-5	Indeno (1,2,3-cd) pyrene	62	84
191-24-2	Benzo (g,h,i) perylene	62	92
62-53-3	Aniline	62	< 62 U
90-12-0	1-Methylnaphthalene	62	< 62 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	63.2%	2-Fluorobiphenyl	67.2%
d14-p-Terphenyl	54.4%	d4-1,2-Dichlorobenzene	61.2%
d5-Phenol	63.7%	2-Fluorophenol	59.5%
2,4,6-Tribromophenol	74.1%	d4-2-Chlorophenol	62.7%

ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS

Page 1 of 2

Sample ID: LDW-SS322-010

SAMPLE

Lab Sample ID: KA18D

LIMS ID: 06-18970

Matrix: Sediment

Data Release Authorized:

Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Date Extracted: 10/18/06

Date Analyzed: 10/28/06 14:55

Instrument/Analyst: NT4/LJR

GPC Cleanup: Yes

Sample Amount: 32.2 g-dry-wt

Final Extract Volume: 2.0 mL

Dilution Factor: 1.00

Percent Moisture: 51.4%

pH: 7.3

CAS Number	Analyte	RL	Result
108-95-2	Phenol	62	< 62 U
111-44-4	Bis-(2-Chloroethyl) Ether	62	< 62 U
95-57-8	2-Chlorophenol	62	< 62 U
541-73-1	1,3-Dichlorobenzene	62	< 62 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	62	< 62 U
106-44-5	4-Methylphenol	62	< 62 U
67-72-1	Hexachloroethane	62	< 62 U
98-95-3	Nitrobenzene	62	< 62 U
78-59-1	Isophorone	62	< 62 U
88-75-5	2-Nitrophenol	310	< 310 U
65-85-0	Benzoic Acid	620	< 620 U
111-91-1	bis(2-Chloroethoxy) Methane	62	< 62 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
91-20-3	Naphthalene	62	< 62 U
106-47-8	4-Chloroaniline	310	< 310 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	62	< 62 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	62	< 62 U
88-74-4	2-Nitroaniline	310	< 310 U
208-96-8	Acenaphthylene	62	< 62 U
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	62	< 62 U
51-28-5	2,4-Dinitrophenol	620	< 620 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	62	< 62 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	62	< 62 U
7005-72-3	4-Chlorophenyl-phenylether	62	< 62 U
86-73-7	Fluorene	62	46 J
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	620	< 620 U
101-55-3	4-Bromophenyl-phenylether	62	< 62 U
85-01-8	Phenanthrene	62	290
120-12-7	Anthracene	62	130

ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS

Page 2 of 2

Sample ID: LDW-SS322-010

SAMPLE

Lab Sample ID: KA18D

LIMS ID: 06-18970

Matrix: Sediment

Date Analyzed: 10/28/06 14:55

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

CAS Number	Analyte	RL	Result
84-74-2	Di-n-Butylphthalate	62	< 62 U
206-44-0	Fluoranthene	62	720
129-00-0	Pyrene	62	620
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo (a) anthracene	62	430
117-81-7	bis (2-Ethylhexyl) phthalate	62	450
218-01-9	Chrysene	62	710
117-84-0	Di-n-Octyl phthalate	62	< 62 U
205-99-2	Benzo (b) fluoranthene	62	620
207-08-9	Benzo (k) fluoranthene	62	440
50-32-8	Benzo (a) pyrene	62	380
193-39-5	Indeno (1,2,3-cd) pyrene	62	150
191-24-2	Benzo (g,h,i) perylene	62	160
62-53-3	Aniline	62	< 62 U
90-12-0	1-Methylnaphthalene	62	< 62 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	61.6%	2-Fluorobiphenyl	64.0%
d14-p-Terphenyl	57.2%	d4-1,2-Dichlorobenzene	59.6%
d5-Phenol	62.9%	2-Fluorophenol	60.0%
2,4,6-Tribromophenol	71.2%	d4-2-Chlorophenol	61.9%

ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS

Page 1 of 2

Sample ID: LDW-SS323-010

SAMPLE

Lab Sample ID: KA18E

LIMS ID: 06-18971

Matrix: Sediment

Data Release Authorized:

Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Date Extracted: 10/18/06

Date Analyzed: 10/28/06 15:27

Instrument/Analyst: NT4/LJR

GPC Cleanup: Yes

Sample Amount: 32.9 g-dry-wt

Final Extract Volume: 2.0 mL

Dilution Factor: 1.00

Percent Moisture: 44.9%

pH: 7.5

CAS Number	Analyte	RL	Result
108-95-2	Phenol	61	< 61 U
111-44-4	Bis-(2-Chloroethyl) Ether	61	< 61 U
95-57-8	2-Chlorophenol	61	< 61 U
541-73-1	1,3-Dichlorobenzene	61	< 61 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	61	< 61 U
106-44-5	4-Methylphenol	61	< 61 U
67-72-1	Hexachloroethane	61	< 61 U
98-95-3	Nitrobenzene	61	< 61 U
78-59-1	Isophorone	61	< 61 U
88-75-5	2-Nitrophenol	300	< 300 U
65-85-0	Benzoic Acid	610	< 610 U
111-91-1	bis(2-Chloroethoxy) Methane	61	< 61 U
120-83-2	2,4-Dichlorophenol	300	< 300 U
91-20-3	Naphthalene	61	< 61 U
106-47-8	4-Chloroaniline	300	< 300 U
59-50-7	4-Chloro-3-methylphenol	300	< 300 U
91-57-6	2-Methylnaphthalene	61	< 61 U
77-47-4	Hexachlorocyclopentadiene	300	< 300 U
88-06-2	2,4,6-Trichlorophenol	300	< 300 U
95-95-4	2,4,5-Trichlorophenol	300	< 300 U
91-58-7	2-Chloronaphthalene	61	< 61 U
88-74-4	2-Nitroaniline	300	< 300 U
208-96-8	Acenaphthylene	61	< 61 U
99-09-2	3-Nitroaniline	300	< 300 U
83-32-9	Acenaphthene	61	< 61 U
51-28-5	2,4-Dinitrophenol	610	< 610 U
100-02-7	4-Nitrophenol	300	< 300 U
132-64-9	Dibenzofuran	61	< 61 U
606-20-2	2,6-Dinitrotoluene	300	< 300 U
121-14-2	2,4-Dinitrotoluene	300	< 300 U
84-66-2	Diethylphthalate	61	< 61 U
7005-72-3	4-Chlorophenyl-phenylether	61	< 61 U
86-73-7	Fluorene	61	< 61 U
100-01-6	4-Nitroaniline	300	< 300 U
534-52-1	4,6-Dinitro-2-Methylphenol	610	< 610 U
101-55-3	4-Bromophenyl-phenylether	61	< 61 U
85-01-8	Phenanthrene	61	120
120-12-7	Anthracene	61	67

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 2 of 2

Sample ID: LDW-SS323-010
SAMPLE

Lab Sample ID: KA18E
LIMS ID: 06-18971
Matrix: Sediment
Date Analyzed: 10/28/06 15:27

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
04-08-06-24

CAS Number	Analyte	RL	Result
84-74-2	Di-n-Butylphthalate	61	< 61 U
206-44-0	Fluoranthene	61	360
129-00-0	Pyrene	61	400
91-94-1	3,3'-Dichlorobenzidine	300	< 300 U
56-55-3	Benzo (a) anthracene	61	180
117-81-7	bis (2-Ethylhexyl) phthalate	61	330
218-01-9	Chrysene	61	300
117-84-0	Di-n-Octyl phthalate	61	< 61 U
205-99-2	Benzo (b) fluoranthene	61	360
207-08-9	Benzo (k) fluoranthene	61	190
50-32-8	Benzo (a) pyrene	61	220
193-39-5	Indeno (1,2,3-cd) pyrene	61	97
191-24-2	Benzo (g,h,i) perylene	61	98
62-53-3	Aniline	61	< 61 U
90-12-0	1-Methylnaphthalene	61	< 61 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	61.2%	2-Fluorobiphenyl	65.4%
d14-p-Terphenyl	60.4%	d4-1,2-Dichlorobenzene	59.8%
d5-Phenol	62.8%	2-Fluorophenol	60.4%
2,4,6-Tribromophenol	72.9%	d4-2-Chlorophenol	62.3%

Lab Sample ID: KA18H
LIMS ID: 06-18974
Matrix: Sediment
Data Release Authorized:
Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Date Extracted: 10/18/06
Date Analyzed: 10/28/06 17:04
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 32.4 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 39.0%
pH: 7.5

CAS Number	Analyte	RL	Result
108-95-2	Phenol	62	< 62 U
111-44-4	Bis-(2-Chloroethyl) Ether	62	< 62 U
95-57-8	2-Chlorophenol	62	< 62 U
541-73-1	1,3-Dichlorobenzene	62	< 62 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	62	< 62 U
106-44-5	4-Methylphenol	62	< 62 U
67-72-1	Hexachloroethane	62	< 62 U
98-95-3	Nitrobenzene	62	< 62 U
78-59-1	Isophorone	62	< 62 U
88-75-5	2-Nitrophenol	310	< 310 U
65-85-0	Benzoic Acid	620	< 620 U
111-91-1	bis(2-Chloroethoxy) Methane	62	< 62 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
91-20-3	Naphthalene	62	< 62 U
106-47-8	4-Chloroaniline	310	< 310 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	62	< 62 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	62	< 62 U
88-74-4	2-Nitroaniline	310	< 310 U
208-96-8	Acenaphthylene	62	< 62 U
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	62	< 62 U
51-28-5	2,4-Dinitrophenol	620	< 620 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	62	< 62 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	62	< 62 U
7005-72-3	4-Chlorophenyl-phenylether	62	< 62 U
86-73-7	Fluorene	62	< 62 U
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	620	< 620 U
101-55-3	4-Bromophenyl-phenylether	62	< 62 U
85-01-8	Phenanthrene	62	53 J
120-12-7	Anthracene	62	< 62 U

ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS

Page 2 of 2



Sample ID: LDW-SS324-010

SAMPLE

Lab Sample ID: KA18H

LIMS ID: 06-18974

Matrix: Sediment

Date Analyzed: 10/28/06 17:04

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

CAS Number	Analyte	RL	Result
84-74-2	Di-n-Butylphthalate	62	< 62 U
206-44-0	Fluoranthene	62	120
129-00-0	Pyrene	62	170
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo (a) anthracene	62	49 J
117-81-7	bis (2-Ethylhexyl) phthalate	62	140
218-01-9	Chrysene	62	66
117-84-0	Di-n-Octyl phthalate	62	< 62 U
205-99-2	Benzo (b) fluoranthene	62	76
207-08-9	Benzo (k) fluoranthene	62	74
50-32-8	Benzo (a) pyrene	62	62
193-39-5	Indeno (1,2,3-cd) pyrene	62	< 62 U
191-24-2	Benzo (g,h,i) perylene	62	< 62 U
62-53-3	Aniline	62	< 62 U
90-12-0	1-Methylnaphthalene	62	< 62 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	68.8%	2-Fluorobiphenyl	71.2%
d14-p-Terphenyl	57.6%	d4-1,2-Dichlorobenzene	66.8%
d5-Phenol	70.4%	2-Fluorophenol	67.7%
2,4,6-Tribromophenol	77.9%	d4-2-Chlorophenol	69.1%

ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 2

Sample ID: LDW-SS325-010
SAMPLE

Lab Sample ID: KA18P

QC Report No: KA18-Windward Environmental, LLC

LIMS ID: 06-18982

Project: LDW RI-Round 3 Surface Sediment

Matrix: Sediment

04-08-06-24

Data Release Authorized: *AB*

Date Sampled: 10/04/06

Reported: 10/31/06

Date Received: 10/04/06

Date Extracted: 10/18/06

Sample Amount: 32.5 g-dry-wt

Date Analyzed: 10/28/06 21:50

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT4/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 45.4%

pH: 7.5

CAS Number	Analyte	RL	Result
108-95-2	Phenol	62	< 62 U
111-44-4	Bis-(2-Chloroethyl) Ether	62	< 62 U
95-57-8	2-Chlorophenol	62	< 62 U
541-73-1	1,3-Dichlorobenzene	62	< 62 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	62	< 62 U
106-44-5	4-Methylphenol	62	< 62 U
67-72-1	Hexachloroethane	62	< 62 U
98-95-3	Nitrobenzene	62	< 62 U
78-59-1	Isophorone	62	< 62 U
88-75-5	2-Nitrophenol	310	< 310 U
65-85-0	Benzoic Acid	620	< 620 U
111-91-1	bis(2-Chloroethoxy) Methane	62	< 62 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
91-20-3	Naphthalene	62	< 62 U
106-47-8	4-Chloroaniline	310	< 310 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	62	< 62 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	62	< 62 U
88-74-4	2-Nitroaniline	310	< 310 U
208-96-8	Acenaphthylene	62	< 62 U
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	62	< 62 U
51-28-5	2,4-Dinitrophenol	620	< 620 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	62	< 62 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	62	< 62 U
7005-72-3	4-Chlorophenyl-phenylether	62	< 62 U
86-73-7	Fluorene	62	< 62 U
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	620	< 620 U
101-55-3	4-Bromophenyl-phenylether	62	< 62 U
85-01-8	Phenanthrene	62	270
120-12-7	Anthracene	62	100

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 2 of 2

Sample ID: LDW-SS325-010
SAMPLE

Lab Sample ID: KA18P
LIMS ID: 06-18982
Matrix: Sediment
Date Analyzed: 10/28/06 21:50

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
04-08-06-24

CAS Number	Analyte	RL	Result
84-74-2	Di-n-Butylphthalate	62	< 62 U
206-44-0	Fluoranthene	62	860
129-00-0	Pyrene	62	660
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo (a) anthracene	62	320
117-81-7	bis (2-Ethylhexyl) phthalate	62	360
218-01-9	Chrysene	62	530
117-84-0	Di-n-Octyl phthalate	62	< 62 U
205-99-2	Benzo (b) fluoranthene	62	580
207-08-9	Benzo (k) fluoranthene	62	370
50-32-8	Benzo (a) pyrene	62	330
193-39-5	Indeno (1,2,3-cd) pyrene	62	130
191-24-2	Benzo (g,h,i) perylene	62	130
62-53-3	Aniline	62	< 62 U
90-12-0	1-Methylnaphthalene	62	< 62 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	59.2%	2-Fluorobiphenyl	61.6%
d14-p-Terphenyl	50.0%	d4-1,2-Dichlorobenzene	57.2%
d5-Phenol	60.3%	2-Fluorophenol	56.5%
2,4,6-Tribromophenol	66.1%	d4-2-Chlorophenol	59.7%

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 2

Sample ID: LDW-SS326-010
SAMPLE

Lab Sample ID: KA18Q
LIMS ID: 06-18983
Matrix: Sediment
Data Release Authorized:
Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Date Extracted: 10/18/06
Date Analyzed: 10/28/06 22:22
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 32.7 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 53.2%
pH: 7.5

CAS Number	Analyte	RL	Result
108-95-2	Phenol	61	< 61 U
111-44-4	Bis-(2-Chloroethyl) Ether	61	< 61 U
95-57-8	2-Chlorophenol	61	< 61 U
541-73-1	1,3-Dichlorobenzene	61	< 61 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	61	< 61 U
106-44-5	4-Methylphenol	61	< 61 U
67-72-1	Hexachloroethane	61	< 61 U
98-95-3	Nitrobenzene	61	< 61 U
78-59-1	Isophorone	61	< 61 U
88-75-5	2-Nitrophenol	310	< 310 U
65-85-0	Benzoic Acid	610	< 610 U
111-91-1	bis(2-Chloroethoxy) Methane	61	< 61 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
91-20-3	Naphthalene	61	< 61 U
106-47-8	4-Chloroaniline	310	< 310 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	61	< 61 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	61	< 61 U
88-74-4	2-Nitroaniline	310	< 310 U
208-96-8	Acenaphthylene	61	< 61 U
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	61	< 61 U
51-28-5	2,4-Dinitrophenol	610	< 610 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	61	< 61 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	61	< 61 U
7005-72-3	4-Chlorophenyl-phenylether	61	< 61 U
86-73-7	Fluorene	61	< 61 U
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	610	< 610 U
101-55-3	4-Bromophenyl-phenylether	61	< 61 U
85-01-8	Phenanthrene	61	170
120-12-7	Anthracene	61	89

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 2 of 2

Sample ID: LDW-SS326-010
SAMPLE

Lab Sample ID: KA18Q
LIMS ID: 06-18983
Matrix: Sediment
Date Analyzed: 10/28/06 22:22

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
04-08-06-24

CAS Number	Analyte	RL	Result
84-74-2	Di-n-Butylphthalate	61	< 61 U
206-44-0	Fluoranthene	61	520
129-00-0	Pyrene	61	420
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo (a) anthracene	61	240
117-81-7	bis (2-Ethylhexyl) phthalate	61	460
218-01-9	Chrysene	61	380
117-84-0	Di-n-Octyl phthalate	61	< 61 U
205-99-2	Benzo (b) fluoranthene	61	440
207-08-9	Benzo (k) fluoranthene	61	260
50-32-8	Benzo (a) pyrene	61	270
193-39-5	Indeno (1,2,3-cd) pyrene	61	98
191-24-2	Benzo (g,h,i) perylene	61	97
62-53-3	Aniline	61	< 61 U
90-12-0	1-Methylnaphthalene	61	< 61 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	61.2%	2-Fluorobiphenyl	62.8%
d14-p-Terphenyl	56.8%	d4-1,2-Dichlorobenzene	57.6%
d5-Phenol	61.3%	2-Fluorophenol	58.7%
2,4,6-Tribromophenol	67.2%	d4-2-Chlorophenol	60.3%

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 2

Sample ID: LDW-SS327-010
SAMPLE

Lab Sample ID: JZ15B
LIMS ID: 06-18342
Matrix: Sediment
Data Release Authorized:
Reported: 10/27/06

QC Report No: JZ15-Windward Environmental, LLC
Project: LDW R1-R3 Surface Sediment
04-08-06-24
Date Sampled: 10/02/06
Date Received: 10/02/06

Date Extracted: 10/16/06
Date Analyzed: 10/25/06 14:49
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 32.5 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 42.2%
pH: 7.5

CAS Number	Analyte	RL	Result
108-95-2	Phenol	62	80
111-44-4	Bis-(2-Chloroethyl) Ether	62	< 62 U
95-57-8	2-Chlorophenol	62	< 62 U
541-73-1	1,3-Dichlorobenzene	62	< 62 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	62	< 62 U
106-44-5	4-Methylphenol	62	86
67-72-1	Hexachloroethane	62	< 62 U
98-95-3	Nitrobenzene	62	< 62 U
78-59-1	Isophorone	62	< 62 U
88-75-5	2-Nitrophenol	310	< 310 U
65-85-0	Benzoic Acid	620	< 620 U
111-91-1	bis(2-Chloroethoxy) Methane	62	< 62 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
91-20-3	Naphthalene	62	< 62 U
106-47-8	4-Chloroaniline	310	< 310 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	62	< 62 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	62	< 62 U
88-74-4	2-Nitroaniline	310	< 310 U
208-96-8	Acenaphthylene	62	< 62 U
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	62	< 62 U
51-28-5	2,4-Dinitrophenol	620	< 620 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	62	< 62 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	62	< 62 U
7005-72-3	4-Chlorophenyl-phenylether	62	< 62 U
86-73-7	Fluorene	62	< 62 U
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	620	< 620 U
101-55-3	4-Bromophenyl-phenylether	62	< 62 U
85-01-8	Phenanthrene	62	78
120-12-7	Anthracene	62	39 J

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 2 of 2

Sample ID: LDW-SS327-010
SAMPLE

Lab Sample ID: JZ15B
LIMS ID: 06-18342
Matrix: Sediment
Date Analyzed: 10/25/06 14:49

QC Report No: JZ15-Windward Environmental, LLC
Project: LDW R1-R3 Surface Sediment
04-08-06-24

CAS Number	Analyte	RL	Result
84-74-2	Di-n-Butylphthalate	62	< 62 U
206-44-0	Fluoranthene	62	240
129-00-0	Pyrene	62	240
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo (a) anthracene	62	97
117-81-7	bis (2-Ethylhexyl) phthalate	62	210
218-01-9	Chrysene	62	170
117-84-0	Di-n-Octyl phthalate	62	< 62 U
205-99-2	Benzo (b) fluoranthene	62	200
207-08-9	Benzo (k) fluoranthene	62	110
50-32-8	Benzo (a) pyrene	62	120
193-39-5	Indeno (1,2,3-cd) pyrene	62	70
191-24-2	Benzo (g, h, i) perylene	62	81
62-53-3	Aniline	62	< 62 U
90-12-0	1-Methylnaphthalene	62	< 62 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	66.4%	2-Fluorobiphenyl	68.4%
d14-p-Terphenyl	59.6%	d4-1,2-Dichlorobenzene	66.4%
d5-Phenol	61.6%	2-Fluorophenol	60.5%
2,4,6-Tribromophenol	69.3%	d4-2-Chlorophenol	64.0%

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 2

Sample ID: LDW-SS328-010
SAMPLE

Lab Sample ID: JZ15C
LIMS ID: 06-18343
Matrix: Sediment
Data Release Authorized:
Reported: 10/27/06

QC Report No: JZ15-Windward Environmental, LLC
Project: LDW R1-R3 Surface Sediment
04-08-06-24
Date Sampled: 10/02/06
Date Received: 10/02/06

Date Extracted: 10/16/06
Date Analyzed: 10/25/06 15:21
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 32.4 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 44.6%
pH: 7.0

CAS Number	Analyte	RL	Result
108-95-2	Phenol	62	< 62 U
111-44-4	Bis-(2-Chloroethyl) Ether	62	< 62 U
95-57-8	2-Chlorophenol	62	< 62 U
541-73-1	1,3-Dichlorobenzene	62	< 62 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	62	< 62 U
106-44-5	4-Methylphenol	62	62
67-72-1	Hexachloroethane	62	< 62 U
98-95-3	Nitrobenzene	62	< 62 U
78-59-1	Isophorone	62	< 62 U
88-75-5	2-Nitrophenol	310	< 310 U
65-85-0	Benzoic Acid	620	< 620 U
111-91-1	bis(2-Chloroethoxy) Methane	62	< 62 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
91-20-3	Naphthalene	62	< 62 U
106-47-8	4-Chloroaniline	310	< 310 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	62	< 62 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	62	< 62 U
88-74-4	2-Nitroaniline	310	< 310 U
208-96-8	Acenaphthylene	62	< 62 U
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	62	< 62 U
51-28-5	2,4-Dinitrophenol	620	< 620 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	62	< 62 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	62	< 62 U
7005-72-3	4-Chlorophenyl-phenylether	62	< 62 U
86-73-7	Fluorene	62	< 62 U
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	620	< 620 U
101-55-3	4-Bromophenyl-phenylether	62	< 62 U
85-01-8	Phenanthrene	62	41 J
120-12-7	Anthracene	62	37 J

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 2 of 2

Sample ID: LDW-SS328-010
SAMPLE

Lab Sample ID: JZ15C
LIMS ID: 06-18343
Matrix: Sediment
Date Analyzed: 10/25/06 15:21

QC Report No: JZ15-Windward Environmental, LLC
Project: LDW R1-R3 Surface Sediment
04-08-06-24

CAS Number	Analyte	RL	Result
84-74-2	Di-n-Butylphthalate	62	< 62 U
206-44-0	Fluoranthene	62	65
129-00-0	Pyrene	62	54 J
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo(a)anthracene	62	< 62 U
117-81-7	bis(2-Ethylhexyl)phthalate	62	36 J
218-01-9	Chrysene	62	35 J
117-84-0	Di-n-Octyl phthalate	62	< 62 U
205-99-2	Benzo(b)fluoranthene	62	< 62 U
207-08-9	Benzo(k)fluoranthene	62	< 62 U
50-32-8	Benzo(a)pyrene	62	< 62 U
193-39-5	Indeno(1,2,3-cd)pyrene	62	< 62 U
191-24-2	Benzo(g,h,i)perylene	62	< 62 U
62-53-3	Aniline	62	< 62 U
90-12-0	1-Methylnaphthalene	62	< 62 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	62.0%	2-Fluorobiphenyl	63.2%
d14-p-Terphenyl	61.2%	d4-1,2-Dichlorobenzene	60.0%
d5-Phenol	58.1%	2-Fluorophenol	56.0%
2,4,6-Tribromophenol	68.0%	d4-2-Chlorophenol	58.9%

ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS

Page 1 of 2


Sample ID: LDW-SS329-010

SAMPLE

Lab Sample ID: JZ15D

LIMS ID: 06-18344

Matrix: Sediment

Data Release Authorized: 

Reported: 10/27/06

QC Report No: JZ15-Windward Environmental, LLC

Project: LDW R1-R3 Surface Sediment

04-08-06-24

Date Sampled: 10/02/06

Date Received: 10/02/06

Date Extracted: 10/16/06

Date Analyzed: 10/25/06 15:53

Instrument/Analyst: NT4/LJR

GPC Cleanup: Yes

Sample Amount: 32.5 g-dry-wt

Final Extract Volume: 2.0 mL

Dilution Factor: 1.00

Percent Moisture: 29.7%

pH: 7.6

CAS Number	Analyte	RL	Result
108-95-2	Phenol	62	< 62 U
111-44-4	Bis-(2-Chloroethyl) Ether	62	< 62 U
95-57-8	2-Chlorophenol	62	< 62 U
541-73-1	1,3-Dichlorobenzene	62	< 62 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	62	< 62 U
106-44-5	4-Methylphenol	62	< 62 U
67-72-1	Hexachloroethane	62	< 62 U
98-95-3	Nitrobenzene	62	< 62 U
78-59-1	Isophorone	62	< 62 U
88-75-5	2-Nitrophenol	310	< 310 U
65-85-0	Benzoic Acid	620	< 620 U
111-91-1	bis(2-Chloroethoxy) Methane	62	< 62 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
91-20-3	Naphthalene	62	< 62 U
106-47-8	4-Chloroaniline	310	< 310 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	62	< 62 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	62	< 62 U
88-74-4	2-Nitroaniline	310	< 310 U
208-96-8	Acenaphthylene	62	< 62 U
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	62	< 62 U
51-28-5	2,4-Dinitrophenol	620	< 620 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	62	< 62 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	62	< 62 U
7005-72-3	4-Chlorophenyl-phenylether	62	< 62 U
86-73-7	Fluorene	62	< 62 U
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	620	< 620 U
101-55-3	4-Bromophenyl-phenylether	62	< 62 U
85-01-8	Phenanthrene	62	72
120-12-7	Anthracene	62	36 J

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 2 of 2

Sample ID: LDW-SS329-010
SAMPLE

Lab Sample ID: JZ15D
LIMS ID: 06-18344
Matrix: Sediment
Date Analyzed: 10/25/06 15:53

QC Report No: JZ15-Windward Environmental, LLC
Project: LDW R1-R3 Surface Sediment
04-08-06-24

CAS Number	Analyte	RL	Result
84-74-2	Di-n-Butylphthalate	62	< 62 U
206-44-0	Fluoranthene	62	170
129-00-0	Pyrene	62	210
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo(a)anthracene	62	97
117-81-7	bis(2-Ethylhexyl)phthalate	62	140
218-01-9	Chrysene	62	170
117-84-0	Di-n-Octyl phthalate	62	< 62 U
205-99-2	Benzo(b)fluoranthene	62	110
207-08-9	Benzo(k)fluoranthene	62	99
50-32-8	Benzo(a)pyrene	62	97
193-39-5	Indeno(1,2,3-cd)pyrene	62	53 J
191-24-2	Benzo(g,h,i)perylene	62	68
62-53-3	Aniline	62	< 62 U
90-12-0	1-Methylnaphthalene	62	< 62 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	64.4%	2-Fluorobiphenyl	65.6%
d14-p-Terphenyl	63.2%	d4-1,2-Dichlorobenzene	63.6%
d5-Phenol	58.4%	2-Fluorophenol	57.6%
2,4,6-Tribromophenol	68.5%	d4-2-Chlorophenol	60.5%

ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS

Page 1 of 2

Sample ID: LDW-SS401-010

SAMPLE

Lab Sample ID: JZ15E

LIMS ID: 06-18345

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 10/27/06

QC Report No: JZ15-Windward Environmental, LLC

Project: LDW R1-R3 Surface Sediment

04-08-06-24

Date Sampled: 10/02/06

Date Received: 10/02/06

Date Extracted: 10/16/06

Date Analyzed: 10/25/06 16:25

Instrument/Analyst: NT4/LJR

GPC Cleanup: Yes

Sample Amount: 32.5 g-dry-wt

Final Extract Volume: 2.0 mL

Dilution Factor: 1.00

Percent Moisture: 27.9%

pH: 7.6

CAS Number	Analyte	RL	Result
108-95-2	Phenol	62	< 62 U
111-44-4	Bis-(2-Chloroethyl) Ether	62	< 62 U
95-57-8	2-Chlorophenol	62	< 62 U
541-73-1	1,3-Dichlorobenzene	62	< 62 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	62	< 62 U
106-44-5	4-Methylphenol	62	< 62 U
67-72-1	Hexachloroethane	62	< 62 U
98-95-3	Nitrobenzene	62	< 62 U
78-59-1	Isophorone	62	< 62 U
88-75-5	2-Nitrophenol	310	< 310 U
65-85-0	Benzoic Acid	620	< 620 U
111-91-1	bis(2-Chloroethoxy) Methane	62	< 62 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
91-20-3	Naphthalene	62	< 62 U
106-47-8	4-Chloroaniline	310	< 310 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	62	< 62 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	62	< 62 U
88-74-4	2-Nitroaniline	310	< 310 U
208-96-8	Acenaphthylene	62	< 62 U
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	62	< 62 U
51-28-5	2,4-Dinitrophenol	620	< 620 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	62	< 62 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	62	< 62 U
7005-72-3	4-Chlorophenyl-phenylether	62	< 62 U
86-73-7	Fluorene	62	< 62 U
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	620	< 620 U
101-55-3	4-Bromophenyl-phenylether	62	< 62 U
85-01-8	Phenanthrene	62	39 J
120-12-7	Anthracene	62	< 62 U

Lab Sample ID: JZ15E
 LIMS ID: 06-18345
 Matrix: Sediment
 Date Analyzed: 10/25/06 16:25

QC Report No: JZ15-Windward Environmental, LLC
 Project: LDW R1-R3 Surface Sediment
 04-08-06-24

CAS Number	Analyte	RL	Result
84-74-2	Di-n-Butylphthalate	62	< 62 U
206-44-0	Fluoranthene	62	94
129-00-0	Pyrene	62	140
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo (a) anthracene	62	49 J
117-81-7	bis (2-Ethylhexyl) phthalate	62	180
218-01-9	Chrysene	62	73
117-84-0	Di-n-Octyl phthalate	62	< 62 U
205-99-2	Benzo (b) fluoranthene	62	100
207-08-9	Benzo (k) fluoranthene	62	59 J
50-32-8	Benzo (a) pyrene	62	63
193-39-5	Indeno (1,2,3-cd) pyrene	62	38 J
191-24-2	Benzo (g, h, i) perylene	62	53 J
62-53-3	Aniline	62	< 62 U
90-12-0	1-Methylnaphthalene	62	< 62 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	60.4%	2-Fluorobiphenyl	61.6%
d14-p-Terphenyl	59.2%	d4-1,2-Dichlorobenzene	58.8%
d5-Phenol	55.2%	2-Fluorophenol	53.9%
2,4,6-Tribromophenol	66.7%	d4-2-Chlorophenol	57.1%

ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS

Page 1 of 2

Sample ID: LDW-SS330-010

SAMPLE

Lab Sample ID: JZ15A

LIMS ID: 06-18341

Matrix: Sediment

Data Release Authorized:

Reported: 10/27/06

QC Report No: JZ15-Windward Environmental, LLC

Project: LDW R1-R3 Surface Sediment

04-08-06-24

Date Sampled: 10/02/06

Date Received: 10/02/06

Date Extracted: 10/16/06

Date Analyzed: 10/24/06 18:48

Instrument/Analyst: NT4/LJR

GPC Cleanup: Yes

Sample Amount: 32.4 g-dry-wt

Final Extract Volume: 2.0 mL

Dilution Factor: 1.00

Percent Moisture: 58.7%

pH: 7.4

CAS Number	Analyte	RL	Result
108-95-2	Phenol	62	< 62 U
111-44-4	Bis-(2-Chloroethyl) Ether	62	< 62 U
95-57-8	2-Chlorophenol	62	< 62 U
541-73-1	1,3-Dichlorobenzene	62	< 62 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	62	< 62 U
106-44-5	4-Methylphenol	62	< 62 U
67-72-1	Hexachloroethane	62	< 62 U
98-95-3	Nitrobenzene	62	< 62 U
78-59-1	Isophorone	62	< 62 U
88-75-5	2-Nitrophenol	310	< 310 U
65-85-0	Benzoic Acid	620	< 620 U
111-91-1	bis(2-Chloroethoxy) Methane	62	< 62 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
91-20-3	Naphthalene	62	38 J
106-47-8	4-Chloroaniline	310	< 310 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	62	< 62 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	62	< 62 U
88-74-4	2-Nitroaniline	310	< 310 U
208-96-8	Acenaphthylene	62	< 62 U
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	62	34 J
51-28-5	2,4-Dinitrophenol	620	< 620 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	62	< 62 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	62	< 62 U
7005-72-3	4-Chlorophenyl-phenylether	62	< 62 U
86-73-7	Fluorene	62	86
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	620	< 620 U
101-55-3	4-Bromophenyl-phenylether	62	< 62 U
85-01-8	Phenanthrene	62	430
120-12-7	Anthracene	62	290

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 2 of 2

Sample ID: LDW-SS330-010
SAMPLE

Lab Sample ID: JZ15A
LIMS ID: 06-18341
Matrix: Sediment
Date Analyzed: 10/24/06 18:48

QC Report No: JZ15-Windward Environmental, LLC
Project: LDW R1-R3 Surface Sediment
04-08-06-24

CAS Number	Analyte	RL	Result
84-74-2	Di-n-Butylphthalate	62	< 62 U
206-44-0	Fluoranthene	62	1,500
129-00-0	Pyrene	62	950
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo (a) anthracene	62	500
117-81-7	bis (2-Ethylhexyl) phthalate	62	310
218-01-9	Chrysene	62	810
117-84-0	Di-n-Octyl phthalate	62	< 62 U
205-99-2	Benzo (b) fluoranthene	62	770
207-08-9	Benzo (k) fluoranthene	62	450
50-32-8	Benzo (a) pyrene	62	520
193-39-5	Indeno (1,2,3-cd) pyrene	62	260
191-24-2	Benzo (g,h,i) perylene	62	280
62-53-3	Aniline	62	< 62 U
90-12-0	1-Methylnaphthalene	62	< 62 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	58.8%	2-Fluorobiphenyl	59.2%
d14-p-Terphenyl	54.8%	d4-1,2-Dichlorobenzene	58.0%
d5-Phenol	57.9%	2-Fluorophenol	55.7%
2,4,6-Tribromophenol	61.3%	d4-2-Chlorophenol	58.7%

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 2

Sample ID: LDW-SS331-010
SAMPLE

Lab Sample ID: JZ15F
LIMS ID: 06-18346
Matrix: Sediment
Data Release Authorized:
Reported: 10/27/06

QC Report No: JZ15-Windward Environmental, LLC
Project: LDW R1-R3 Surface Sediment
04-08-06-24
Date Sampled: 10/02/06
Date Received: 10/02/06

Date Extracted: 10/16/06
Date Analyzed: 10/25/06 16:57
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 32.7 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 47.2%
pH: 7.4

CAS Number	Analyte	RL	Result
108-95-2	Phenol	61	< 61 U
111-44-4	Bis-(2-Chloroethyl) Ether	61	< 61 U
95-57-8	2-Chlorophenol	61	< 61 U
541-73-1	1,3-Dichlorobenzene	61	< 61 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	61	< 61 U
106-44-5	4-Methylphenol	61	< 61 U
67-72-1	Hexachloroethane	61	< 61 U
98-95-3	Nitrobenzene	61	< 61 U
78-59-1	Isophorone	61	< 61 U
88-75-5	2-Nitrophenol	310	< 310 U
65-85-0	Benzoic Acid	610	< 610 U
111-91-1	bis(2-Chloroethoxy) Methane	61	< 61 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
91-20-3	Naphthalene	61	< 61 U
106-47-8	4-Chloroaniline	310	< 310 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	61	< 61 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	61	< 61 U
88-74-4	2-Nitroaniline	310	< 310 U
208-96-8	Acenaphthylene	61	< 61 U
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	61	< 61 U
51-28-5	2,4-Dinitrophenol	610	< 610 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	61	< 61 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	61	< 61 U
7005-72-3	4-Chlorophenyl-phenylether	61	< 61 U
86-73-7	Fluorene	61	< 61 U
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	610	< 610 U
101-55-3	4-Bromophenyl-phenylether	61	< 61 U
85-01-8	Phenanthrene	61	54 J
120-12-7	Anthracene	61	< 61 U

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 2 of 2

Sample ID: LDW-SS331-010
SAMPLE

Lab Sample ID: JZ15F
LIMS ID: 06-18346
Matrix: Sediment
Date Analyzed: 10/25/06 16:57

QC Report No: JZ15-Windward Environmental, LLC
Project: LDW R1-R3 Surface Sediment
04-08-06-24

CAS Number	Analyte	RL	Result
84-74-2	Di-n-Butylphthalate	61	< 61 U
206-44-0	Fluoranthene	61	200
129-00-0	Pyrene	61	130
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo (a) anthracene	61	56 J
117-81-7	bis (2-Ethylhexyl)phthalate	61	210
218-01-9	Chrysene	61	89
117-84-0	Di-n-Octyl phthalate	61	< 61 U
205-99-2	Benzo (b) fluoranthene	61	80
207-08-9	Benzo (k) fluoranthene	61	56 J
50-32-8	Benzo (a) pyrene	61	50 J
193-39-5	Indeno (1,2,3-cd) pyrene	61	< 61 U
191-24-2	Benzo (g,h,i) perylene	61	39 J
62-53-3	Aniline	61	< 61 U
90-12-0	1-Methylnaphthalene	61	< 61 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	59.2%	2-Fluorobiphenyl	58.4%
d14-p-Terphenyl	50.0%	d4-1,2-Dichlorobenzene	58.8%
d5-Phenol	53.6%	2-Fluorophenol	52.3%
2,4,6-Tribromophenol	58.9%	d4-2-Chlorophenol	55.7%

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
 Page 1 of 2

Sample ID: LDW-SS332-010
SAMPLE

Lab Sample ID: JZ15G
 LIMS ID: 06-18347
 Matrix: Sediment
 Data Release Authorized:
 Reported: 10/27/06

QC Report No: JZ15-Windward Environmental, LLC
 Project: LDW R1-R3 Surface Sediment
 04-08-06-24
 Date Sampled: 10/02/06
 Date Received: 10/02/06

Date Extracted: 10/16/06
 Date Analyzed: 10/25/06 17:29
 Instrument/Analyst: NT4/LJR
 GPC Cleanup: Yes

Sample Amount: 32.6 g-dry-wt
 Final Extract Volume: 2.0 mL
 Dilution Factor: 1.00
 Percent Moisture: 33.0%
 pH: 7.1

CAS Number	Analyte	RL	Result
108-95-2	Phenol	61	63
111-44-4	Bis-(2-Chloroethyl) Ether	61	< 61 U
95-57-8	2-Chlorophenol	61	< 61 U
541-73-1	1,3-Dichlorobenzene	61	< 61 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	61	< 61 U
106-44-5	4-Methylphenol	61	300
67-72-1	Hexachloroethane	61	< 61 U
98-95-3	Nitrobenzene	61	< 61 U
78-59-1	Isophorone	61	< 61 U
88-75-5	2-Nitrophenol	310	< 310 U
65-85-0	Benzoic Acid	610	< 610 U
111-91-1	bis(2-Chloroethoxy) Methane	61	< 61 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
91-20-3	Naphthalene	61	< 61 U
106-47-8	4-Chloroaniline	310	< 310 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	61	< 61 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	61	< 61 U
88-74-4	2-Nitroaniline	310	< 310 U
208-96-8	Acenaphthylene	61	< 61 U
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	61	< 61 U
51-28-5	2,4-Dinitrophenol	610	< 610 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	61	< 61 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	61	< 61 U
7005-72-3	4-Chlorophenyl-phenylether	61	< 61 U
86-73-7	Fluorene	61	< 61 U
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	610	< 610 U
101-55-3	4-Bromophenyl-phenylether	61	< 61 U
85-01-8	Phenanthrene	61	44 J
120-12-7	Anthracene	61	< 61 U

Lab Sample ID: JZ15G
 LIMS ID: 06-18347
 Matrix: Sediment
 Date Analyzed: 10/25/06 17:29

QC Report No: JZ15-Windward Environmental, LLC
 Project: LDW R1-R3 Surface Sediment
 04-08-06-24

CAS Number	Analyte	RL	Result
84-74-2	Di-n-Butylphthalate	61	< 61 U
206-44-0	Fluoranthene	61	180
129-00-0	Pyrene	61	160
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo (a) anthracene	61	83
117-81-7	bis (2-Ethylhexyl) phthalate	61	110
218-01-9	Chrysene	61	160
117-84-0	Di-n-Octyl phthalate	61	< 61 U
205-99-2	Benzo (b) fluoranthene	61	110
207-08-9	Benzo (k) fluoranthene	61	77
50-32-8	Benzo (a) pyrene	61	86
193-39-5	Indeno (1,2,3-cd) pyrene	61	46 J
191-24-2	Benzo (g, h, i) perylene	61	44 J
62-53-3	Aniline	61	< 61 U
90-12-0	1-Methylnaphthalene	61	< 61 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	60.4%	2-Fluorobiphenyl	60.4%
d14-p-Terphenyl	55.6%	d4-1,2-Dichlorobenzene	59.2%
d5-Phenol	55.7%	2-Fluorophenol	55.2%
2,4,6-Tribromophenol	61.3%	d4-2-Chlorophenol	56.8%

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
 Page 1 of 2

Sample ID: LDW-SS333-010
SAMPLE

Lab Sample ID: JZ15I
 LIMS ID: 06-18349
 Matrix: Sediment
 Data Release Authorized:
 Reported: 10/27/06

QC Report No: JZ15-Windward Environmental, LLC
 Project: LDW R1-R3 Surface Sediment
 04-08-06-24
 Date Sampled: 10/02/06
 Date Received: 10/02/06

Date Extracted: 10/16/06
 Date Analyzed: 10/25/06 18:32
 Instrument/Analyst: NT4/LJR
 GPC Cleanup: Yes

Sample Amount: 32.1 g-dry-wt
 Final Extract Volume: 2.0 mL
 Dilution Factor: 1.00
 Percent Moisture: 35.9%
 pH: 7.3

CAS Number	Analyte	RL	Result
108-95-2	Phenol	62	40 J
111-44-4	Bis-(2-Chloroethyl) Ether	62	< 62 U
95-57-8	2-Chlorophenol	62	< 62 U
541-73-1	1,3-Dichlorobenzene	62	< 62 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	62	< 62 U
106-44-5	4-Methylphenol	62	< 62 U
67-72-1	Hexachloroethane	62	< 62 U
98-95-3	Nitrobenzene	62	< 62 U
78-59-1	Isophorone	62	< 62 U
88-75-5	2-Nitrophenol	310	< 310 U
65-85-0	Benzoic Acid	620	< 620 U
111-91-1	bis(2-Chloroethoxy) Methane	62	< 62 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
91-20-3	Naphthalene	62	< 62 U
106-47-8	4-Chloroaniline	310	< 310 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	62	< 62 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	62	< 62 U
88-74-4	2-Nitroaniline	310	< 310 U
208-96-8	Acenaphthylene	62	< 62 U
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	62	< 62 U
51-28-5	2,4-Dinitrophenol	620	< 620 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	62	< 62 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	62	< 62 U
7005-72-3	4-Chlorophenyl-phenylether	62	< 62 U
86-73-7	Fluorene	62	< 62 U
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	620	< 620 U
101-55-3	4-Bromophenyl-phenylether	62	< 62 U
85-01-8	Phenanthrene	62	120
120-12-7	Anthracene	62	45 J

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 2 of 2

Sample ID: LDW-SS333-010
SAMPLE

Lab Sample ID: JZ15I
LIMS ID: 06-18349
Matrix: Sediment
Date Analyzed: 10/25/06 18:32

QC Report No: JZ15-Windward Environmental, LLC
Project: LDW R1-R3 Surface Sediment
04-08-06-24

CAS Number	Analyte	RL	Result
84-74-2	Di-n-Butylphthalate	62	< 62 U
206-44-0	Fluoranthene	62	300
129-00-0	Pyrene	62	270
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo (a) anthracene	62	120
117-81-7	bis (2-Ethylhexyl) phthalate	62	170
218-01-9	Chrysene	62	200
117-84-0	Di-n-Octyl phthalate	62	< 62 U
205-99-2	Benzo (b) fluoranthene	62	190
207-08-9	Benzo (k) fluoranthene	62	170
50-32-8	Benzo (a) pyrene	62	130
193-39-5	Indeno (1,2,3-cd) pyrene	62	70
191-24-2	Benzo (g,h,i) perylene	62	82
62-53-3	Aniline	62	< 62 U
90-12-0	1-Methyl naphthalene	62	< 62 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	65.2%	2-Fluorobiphenyl	66.8%
d14-p-Terphenyl	65.6%	d4-1,2-Dichlorobenzene	62.4%
d5-Phenol	60.3%	2-Fluorophenol	59.2%
2,4,6-Tribromophenol	71.5%	d4-2-Chlorophenol	60.8%

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
 Page 1 of 2

Sample ID: LDW-SS334-010
SAMPLE

Lab Sample ID: JZ15H
 LIMS ID: 06-18348
 Matrix: Sediment
 Data Release Authorized:
 Reported: 10/27/06

QC Report No: JZ15-Windward Environmental, LLC
 Project: LDW R1-R3 Surface Sediment
 04-08-06-24
 Date Sampled: 10/02/06
 Date Received: 10/02/06

Date Extracted: 10/16/06
 Date Analyzed: 10/25/06 18:00
 Instrument/Analyst: NT4/LJR
 GPC Cleanup: Yes

Sample Amount: 32.4 g-dry-wt
 Final Extract Volume: 2.0 mL
 Dilution Factor: 1.00
 Percent Moisture: 21.4%
 pH: 7.5

CAS Number	Analyte	RL	Result
108-95-2	Phenol	62	< 62 U
111-44-4	Bis-(2-Chloroethyl) Ether	62	< 62 U
95-57-8	2-Chlorophenol	62	< 62 U
541-73-1	1,3-Dichlorobenzene	62	< 62 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	62	< 62 U
106-44-5	4-Methylphenol	62	< 62 U
67-72-1	Hexachloroethane	62	< 62 U
98-95-3	Nitrobenzene	62	< 62 U
78-59-1	Isophorone	62	< 62 U
88-75-5	2-Nitrophenol	310	< 310 U
65-85-0	Benzoic Acid	620	< 620 U
111-91-1	bis(2-Chloroethoxy) Methane	62	< 62 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
91-20-3	Naphthalene	62	< 62 U
106-47-8	4-Chloroaniline	310	< 310 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	62	< 62 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	62	< 62 U
88-74-4	2-Nitroaniline	310	< 310 U
208-96-8	Acenaphthylene	62	< 62 U
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	62	< 62 U
51-28-5	2,4-Dinitrophenol	620	< 620 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	62	< 62 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	62	< 62 U
7005-72-3	4-Chlorophenyl-phenylether	62	< 62 U
86-73-7	Fluorene	62	< 62 U
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	620	< 620 U
101-55-3	4-Bromophenyl-phenylether	62	< 62 U
85-01-8	Phenanthrene	62	< 62 U
120-12-7	Anthracene	62	< 62 U

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 2 of 2

Sample ID: LDW-SS334-010
SAMPLE

Lab Sample ID: JZ15H
LIMS ID: 06-18348
Matrix: Sediment
Date Analyzed: 10/25/06 18:00

QC Report No: JZ15-Windward Environmental, LLC
Project: LDW R1-R3 Surface Sediment
04-08-06-24

CAS Number	Analyte	RL	Result
84-74-2	Di-n-Butylphthalate	62	< 62 U
206-44-0	Fluoranthene	62	79
129-00-0	Pyrene	62	130
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo(a)anthracene	62	< 62 U
117-81-7	bis(2-Ethylhexyl)phthalate	62	44 J
218-01-9	Chrysene	62	38 J
117-84-0	Di-n-Octyl phthalate	62	< 62 U
205-99-2	Benzo(b)fluoranthene	62	36 J
207-08-9	Benzo(k)fluoranthene	62	< 62 U
50-32-8	Benzo(a)pyrene	62	< 62 U
193-39-5	Indeno(1,2,3-cd)pyrene	62	< 62 U
191-24-2	Benzo(g,h,i)perylene	62	< 62 U
62-53-3	Aniline	62	< 62 U
90-12-0	1-Methylnaphthalene	62	< 62 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	70.0%	2-Fluorobiphenyl	70.4%
d14-p-Terphenyl	67.6%	d4-1,2-Dichlorobenzene	70.4%
d5-Phenol	64.3%	2-Fluorophenol	64.5%
2,4,6-Tribromophenol	70.9%	d4-2-Chlorophenol	66.1%

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 2

Sample ID: LDW-SS335-010
SAMPLE

Lab Sample ID: KA18A
LIMS ID: 06-18967
Matrix: Sediment
Data Release Authorized: *MB*
Reported: 02/09/07

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Date Extracted: 10/18/06
Date Analyzed: 10/28/06 13:19
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 18.6 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 59.6%
pH: 7.2

CAS Number	Analyte	RL	Result
108-95-2	Phenol	110	< 110 U
111-44-4	Bis-(2-Chloroethyl) Ether	110	< 110 U
95-57-8	2-Chlorophenol	110	< 110 U
541-73-1	1,3-Dichlorobenzene	110	< 110 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	110	< 110 U
106-44-5	4-Methylphenol	110	< 110 U
67-72-1	Hexachloroethane	110	< 110 U
98-95-3	Nitrobenzene	110	< 110 U
78-59-1	Isophorone	110	< 110 U
88-75-5	2-Nitrophenol	540	< 540 U
65-85-0	Benzoic Acid	1,100	< 540 UJ
111-91-1	bis(2-Chloroethoxy) Methane	110	< 110 U
120-83-2	2,4-Dichlorophenol	540	< 540 U
91-20-3	Naphthalene	110	< 110 U
106-47-8	4-Chloroaniline	540	< 540 U
59-50-7	4-Chloro-3-methylphenol	540	< 540 U
91-57-6	2-Methylnaphthalene	110	< 110 U
77-47-4	Hexachlorocyclopentadiene	540	< 540 U
88-06-2	2,4,6-Trichlorophenol	540	< 540 U
95-95-4	2,4,5-Trichlorophenol	540	< 540 U
91-58-7	2-Chloronaphthalene	110	< 110 U
88-74-4	2-Nitroaniline	540	< 540 U
208-96-8	Acenaphthylene	110	90 J
99-09-2	3-Nitroaniline	540	< 540 U
83-32-9	Acenaphthene	110	210
51-28-5	2,4-Dinitrophenol	1,100	< 1,100 U
100-02-7	4-Nitrophenol	540	< 540 U
132-64-9	Dibenzofuran	110	150
606-20-2	2,6-Dinitrotoluene	540	< 540 U
121-14-2	2,4-Dinitrotoluene	540	< 540 U
84-66-2	Diethylphthalate	110	< 110 U

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 2 of 2

Sample ID: LDW-SS335-010
SAMPLE

Lab Sample ID: KA18A
LIMS ID: 06-18967
Matrix: Sediment
Date Analyzed: 10/28/06 13:19

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
04-08-06-24

CAS Number	Analyte	RL	Result
7005-72-3	4-Chlorophenyl-phenylether	110	< 110 U
86-73-7	Fluorene	110	320
100-01-6	4-Nitroaniline	540	< 540 U
534-52-1	4,6-Dinitro-2-Methylphenol	1,100	< 1,100 U
101-55-3	4-Bromophenyl-phenylether	110	< 110 U
85-01-8	Phenanthrene	110	2,800
120-12-7	Anthracene	110	1,200
84-74-2	Di-n-Butylphthalate	110	57 J
206-44-0	Fluoranthene	110	7,500
129-00-0	Pyrene	110	4,000
91-94-1	3,3'-Dichlorobenzidine	540	< 540 U
56-55-3	Benzo (a) anthracene	110	1,600
117-81-7	bis (2-Ethylhexyl) phthalate	110	2,600
218-01-9	Chrysene	110	2,400
117-84-0	Di-n-Octyl phthalate	110	92 J
205-99-2	Benzo (b) fluoranthene	110	1,400
207-08-9	Benzo (k) fluoranthene	110	1,400
50-32-8	Benzo (a) pyrene	110	1,200
193-39-5	Indeno (1,2,3-cd) pyrene	110	340
191-24-2	Benzo (g,h,i) perylene	110	340
62-53-3	Aniline	110	< 110 U
90-12-0	1-Methylnaphthalene	110	< 110 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	64.8%	2-Fluorobiphenyl	68.0%
d14-p-Terphenyl	52.4%	d4-1,2-Dichlorobenzene	61.2%
d5-Phenol	66.4%	2-Fluorophenol	62.1%
2,4,6-Tribromophenol	71.7%	d4-2-Chlorophenol	65.1%

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 2

Sample ID: LDW-SS336-010
SAMPLE

Lab Sample ID: JZ53I
LIMS ID: 06-18592
Matrix: Sediment
Data Release Authorized: *UTS*
Reported: 11/07/06

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/17/06
Date Analyzed: 10/30/06 20:55
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 32.4 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 51.8%
pH: 7.2

CAS Number	Analyte	RL	Result
108-95-2	Phenol	62	250 B
111-44-4	Bis-(2-Chloroethyl) Ether	62	< 62 U
95-57-8	2-Chlorophenol	62	< 62 U
541-73-1	1,3-Dichlorobenzene	62	< 62 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	62	< 62 U
106-44-5	4-Methylphenol	62	< 62 U
67-72-1	Hexachloroethane	62	< 62 U
98-95-3	Nitrobenzene	62	< 62 U
78-59-1	Isophorone	62	< 62 U
88-75-5	2-Nitrophenol	310	< 310 U
65-85-0	Benzoic Acid	620	1,600
111-91-1	bis(2-Chloroethoxy) Methane	62	< 62 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
91-20-3	Naphthalene	62	52 J
106-47-8	4-Chloroaniline	310	< 310 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	62	< 62 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	62	< 62 U
88-74-4	2-Nitroaniline	310	< 310 U
208-96-8	Acenaphthylene	62	< 62 U
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	62	120
51-28-5	2,4-Dinitrophenol	620	< 620 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	62	96
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	62	< 62 U

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 2 of 2

Sample ID: LDW-SS336-010
SAMPLE

Lab Sample ID: JZ53I
LIMS ID: 06-18592
Matrix: Sediment
Date Analyzed: 10/30/06 20:55

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24

CAS Number	Analyte	RL	Result
7005-72-3	4-Chlorophenyl-phenylether	62	< 62 U
86-73-7	Fluorene	62	110
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	620	< 620 U
101-55-3	4-Bromophenyl-phenylether	62	< 62 U
85-01-8	Phenanthrene	62	480
120-12-7	Anthracene	62	110
84-74-2	Di-n-Butylphthalate	62	49 J
206-44-0	Fluoranthene	62	1,100
129-00-0	Pyrene	62	640
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo(a)anthracene	62	280
117-81-7	bis(2-Ethylhexyl)phthalate	62	400
218-01-9	Chrysene	62	400
117-84-0	Di-n-Octyl phthalate	62	< 62 U
205-99-2	Benzo(b)fluoranthene	62	370
207-08-9	Benzo(k)fluoranthene	62	220
50-32-8	Benzo(a)pyrene	62	190
193-39-5	Indeno(1,2,3-cd)pyrene	62	85
191-24-2	Benzo(g,h,i)perylene	62	81
62-53-3	Aniline	62	< 62 U
62-75-9	N-Nitrosodimethylamine	310	< 310 U
90-12-0	1-Methylnaphthalene	62	< 62 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	57.2%	2-Fluorobiphenyl	60.0%
d14-p-Terphenyl	48.0%	d4-1,2-Dichlorobenzene	53.6%
d5-Phenol	56.5%	2-Fluorophenol	54.4%
2,4,6-Tribromophenol	62.4%	d4-2-Chlorophenol	55.5%

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
 Page 1 of 2

Sample ID: LDW-SS337-010
SAMPLE

Lab Sample ID: JZ15J
 LIMS ID: 06-18350
 Matrix: Sediment
 Data Release Authorized:
 Reported: 10/27/06

QC Report No: JZ15-Windward Environmental, LLC
 Project: LDW R1-R3 Surface Sediment
 04-08-06-24
 Date Sampled: 10/02/06
 Date Received: 10/02/06

Date Extracted: 10/16/06
 Date Analyzed: 10/25/06 19:04
 Instrument/Analyst: NT4/LJR
 GPC Cleanup: Yes

Sample Amount: 32.8 g-dry-wt
 Final Extract Volume: 2.0 mL
 Dilution Factor: 1.00
 Percent Moisture: 40.8%
 pH: 7.3

CAS Number	Analyte	RL	Result
108-95-2	Phenol	61	< 61 U
111-44-4	Bis-(2-Chloroethyl) Ether	61	< 61 U
95-57-8	2-Chlorophenol	61	< 61 U
541-73-1	1,3-Dichlorobenzene	61	< 61 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	61	< 61 U
106-44-5	4-Methylphenol	61	< 61 U
67-72-1	Hexachloroethane	61	< 61 U
98-95-3	Nitrobenzene	61	< 61 U
78-59-1	Isophorone	61	< 61 U
88-75-5	2-Nitrophenol	300	< 300 U
65-85-0	Benzoic Acid	610	< 610 U
111-91-1	bis(2-Chloroethoxy) Methane	61	< 61 U
120-83-2	2,4-Dichlorophenol	300	< 300 U
91-20-3	Naphthalene	61	< 61 U
106-47-8	4-Chloroaniline	300	< 300 U
59-50-7	4-Chloro-3-methylphenol	300	< 300 U
91-57-6	2-Methylnaphthalene	61	< 61 U
77-47-4	Hexachlorocyclopentadiene	300	< 300 U
88-06-2	2,4,6-Trichlorophenol	300	< 300 U
95-95-4	2,4,5-Trichlorophenol	300	< 300 U
91-58-7	2-Chloronaphthalene	61	< 61 U
88-74-4	2-Nitroaniline	300	< 300 U
208-96-8	Acenaphthylene	61	< 61 U
99-09-2	3-Nitroaniline	300	< 300 U
83-32-9	Acenaphthene	61	< 61 U
51-28-5	2,4-Dinitrophenol	610	< 610 U
100-02-7	4-Nitrophenol	300	< 300 U
132-64-9	Dibenzofuran	61	< 61 U
606-20-2	2,6-Dinitrotoluene	300	< 300 U
121-14-2	2,4-Dinitrotoluene	300	< 300 U
84-66-2	Diethylphthalate	61	< 61 U
7005-72-3	4-Chlorophenyl-phenylether	61	< 61 U
86-73-7	Fluorene	61	< 61 U
100-01-6	4-Nitroaniline	300	< 300 U
534-52-1	4,6-Dinitro-2-Methylphenol	610	< 610 U
101-55-3	4-Bromophenyl-phenylether	61	< 61 U
85-01-8	Phenanthrene	61	46 J
120-12-7	Anthracene	61	< 61 U

Sample ID: LDW-SS337-010
 SAMPLE

Lab Sample ID: JZ15J
 LIMS ID: 06-18350
 Matrix: Sediment
 Date Analyzed: 10/25/06 19:04

QC Report No: JZ15-Windward Environmental, LLC
 Project: LDW R1-R3 Surface Sediment
 04-08-06-24

CAS Number	Analyte	RL	Result
84-74-2	Di-n-Butylphthalate	61	< 61 U
206-44-0	Fluoranthene	61	130
129-00-0	Pyrene	61	100
91-94-1	3,3'-Dichlorobenzidine	300	< 300 U
56-55-3	Benzo (a) anthracene	61	46 J
117-81-7	bis (2-Ethylhexyl) phthalate	61	140
218-01-9	Chrysene	61	71
117-84-0	Di-n-Octyl phthalate	61	< 61 U
205-99-2	Benzo (b) fluoranthene	61	65
207-08-9	Benzo (k) fluoranthene	61	62
50-32-8	Benzo (a) pyrene	61	49 J
193-39-5	Indeno (1,2,3-cd) pyrene	61	37 J
191-24-2	Benzo (g,h,i) perylene	61	42 J
62-53-3	Aniline	61	< 61 U
90-12-0	1-Methylnaphthalene	61	< 61 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	58.8%	2-Fluorobiphenyl	59.6%
d14-p-Terphenyl	56.8%	d4-1,2-Dichlorobenzene	57.2%
d5-Phenol	54.1%	2-Fluorophenol	53.3%
2,4,6-Tribromophenol	64.3%	d4-2-Chlorophenol	55.5%

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
 Page 1 of 2

Sample ID: LDW-SS402-010
SAMPLE

Lab Sample ID: JZ15K
 LIMS ID: 06-18351
 Matrix: Sediment
 Data Release Authorized: *B*
 Reported: 10/27/06

QC Report No: JZ15-Windward Environmental, LLC
 Project: LDW R1-R3 Surface Sediment
 04-08-06-24
 Date Sampled: 10/02/06
 Date Received: 10/02/06

Date Extracted: 10/16/06
 Date Analyzed: 10/25/06 20:40
 Instrument/Analyst: NT4/LJR
 GPC Cleanup: Yes

Sample Amount: 32.4 g-dry-wt
 Final Extract Volume: 2.0 mL
 Dilution Factor: 1.00
 Percent Moisture: 33.1%
 pH: 7.3

CAS Number	Analyte	RL	Result
108-95-2	Phenol	62	< 62 U
111-44-4	Bis-(2-Chloroethyl) Ether	62	< 62 U
95-57-8	2-Chlorophenol	62	< 62 U
541-73-1	1,3-Dichlorobenzene	62	< 62 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	62	< 62 U
106-44-5	4-Methylphenol	62	< 62 U
67-72-1	Hexachloroethane	62	< 62 U
98-95-3	Nitrobenzene	62	< 62 U
78-59-1	Isophorone	62	< 62 U
88-75-5	2-Nitrophenol	310	< 310 U
65-85-0	Benzoic Acid	620	< 620 U
111-91-1	bis(2-Chloroethoxy) Methane	62	< 62 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
91-20-3	Naphthalene	62	< 62 U
106-47-8	4-Chloroaniline	310	< 310 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	62	< 62 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	62	< 62 U
88-74-4	2-Nitroaniline	310	< 310 U
208-96-8	Acenaphthylene	62	< 62 U
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	62	< 62 U
51-28-5	2,4-Dinitrophenol	620	< 620 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	62	< 62 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	62	< 62 U
7005-72-3	4-Chlorophenyl-phenylether	62	< 62 U
86-73-7	Fluorene	62	< 62 U
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	620	< 620 U
101-55-3	4-Bromophenyl-phenylether	62	< 62 U
85-01-8	Phenanthrene	62	54 J
120-12-7	Anthracene	62	< 62 U

Lab Sample ID: JZ15K
 LIMS ID: 06-18351
 Matrix: Sediment
 Date Analyzed: 10/25/06 20:40

QC Report No: JZ15-Windward Environmental, LLC
 Project: LDW R1-R3 Surface Sediment
 04-08-06-24

CAS Number	Analyte	RL	Result
84-74-2	Di-n-Butylphthalate	62	< 62 U
206-44-0	Fluoranthene	62	140
129-00-0	Pyrene	62	110
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo(a)anthracene	62	52 J
117-81-7	bis(2-Ethylhexyl)phthalate	62	150
218-01-9	Chrysene	62	78
117-84-0	Di-n-Octyl phthalate	62	< 62 U
205-99-2	Benzo(b)fluoranthene	62	72
207-08-9	Benzo(k)fluoranthene	62	55 J
50-32-8	Benzo(a)pyrene	62	60 J
193-39-5	Indeno(1,2,3-cd)pyrene	62	35 J
191-24-2	Benzo(g,h,i)perylene	62	44 J
62-53-3	Aniline	62	< 62 U
90-12-0	1-Methylnaphthalene	62	< 62 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	62.0%	2-Fluorobiphenyl	61.2%
d14-p-Terphenyl	58.0%	d4-1,2-Dichlorobenzene	60.4%
d5-Phenol	56.3%	2-Fluorophenol	54.9%
2,4,6-Tribromophenol	63.7%	d4-2-Chlorophenol	57.9%

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 2

Sample ID: LDW-SS338-010
SAMPLE

Lab Sample ID: JZ53H
LIMS ID: 06-18591
Matrix: Sediment
Data Release Authorized: *VIS*
Reported: 11/07/06

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/17/06
Date Analyzed: 10/30/06 20:23
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 32.3 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 50.4%
pH: 7.1

CAS Number	Analyte	RL	Result
108-95-2	Phenol	62	< 62 U
111-44-4	Bis-(2-Chloroethyl) Ether	62	< 62 U
95-57-8	2-Chlorophenol	62	< 62 U
541-73-1	1,3-Dichlorobenzene	62	< 62 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	62	< 62 U
106-44-5	4-Methylphenol	62	< 62 U
67-72-1	Hexachloroethane	62	< 62 U
98-95-3	Nitrobenzene	62	< 62 U
78-59-1	Isophorone	62	< 62 U
88-75-5	2-Nitrophenol	310	< 310 U
65-85-0	Benzoic Acid	620	< 620 U
111-91-1	bis(2-Chloroethoxy) Methane	62	< 62 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
91-20-3	Naphthalene	62	< 62 U
106-47-8	4-Chloroaniline	310	< 310 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	62	< 62 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	62	< 62 U
88-74-4	2-Nitroaniline	310	< 310 U
208-96-8	Acenaphthylene	62	< 62 U
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	62	< 62 U
51-28-5	2,4-Dinitrophenol	620	< 620 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	62	< 62 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	62	< 62 U

Sample ID: LDW-SS338-010
 SAMPLE

Lab Sample ID: JZ53H
 LIMS ID: 06-18591
 Matrix: Sediment
 Date Analyzed: 10/30/06 20:23

QC Report No: JZ53-Windward Environmental, LLC
 Project: LDW RI-Surface Sediment Chemistry
 04-08-06-24

CAS Number	Analyte	RL	Result
7005-72-3	4-Chlorophenyl-phenylether	62	< 62 U
86-73-7	Fluorene	62	< 62 U
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	620	< 620 U
101-55-3	4-Bromophenyl-phenylether	62	< 62 U
85-01-8	Phenanthrene	62	54 J
120-12-7	Anthracene	62	< 62 U
84-74-2	Di-n-Butylphthalate	62	32 J
206-44-0	Fluoranthene	62	170
129-00-0	Pyrene	62	160
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo (a) anthracene	62	82
117-81-7	bis (2-Ethylhexyl) phthalate	62	180
218-01-9	Chrysene	62	120
117-84-0	Di-n-Octyl phthalate	62	< 62 U
205-99-2	Benzo (b) fluoranthene	62	120
207-08-9	Benzo (k) fluoranthene	62	84
50-32-8	Benzo (a) pyrene	62	79
193-39-5	Indeno (1,2,3-cd) pyrene	62	51 J
191-24-2	Benzo (g,h,i) perylene	62	58 J
62-53-3	Aniline	62	< 62 U
62-75-9	N-Nitrosodimethylamine	310	< 310 U
90-12-0	1-Methylnaphthalene	62	< 62 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	47.6%	2-Fluorobiphenyl	49.2%
d14-p-Terphenyl	39.2%	d4-1,2-Dichlorobenzene	46.8%
d5-Phenol	47.2%	2-Fluorophenol	46.4%
2,4,6-Tribromophenol	51.2%	d4-2-Chlorophenol	46.9%

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 2

Sample ID: LDW-SS339-010
SAMPLE

Lab Sample ID: JZ53F
LIMS ID: 06-18589
Matrix: Sediment
Data Release Authorized: **VTS**
Reported: 11/07/06

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/17/06
Date Analyzed: 10/30/06 19:21
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 32.4 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 27.2%
pH: 6.9

CAS Number	Analyte	RL	Result
108-95-2	Phenol	62	< 62 U
111-44-4	Bis-(2-Chloroethyl) Ether	62	< 62 U
95-57-8	2-Chlorophenol	62	< 62 U
541-73-1	1,3-Dichlorobenzene	62	< 62 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	62	< 62 U
106-44-5	4-Methylphenol	62	< 62 U
67-72-1	Hexachloroethane	62	< 62 U
98-95-3	Nitrobenzene	62	< 62 U
78-59-1	Isophorone	62	< 62 U
88-75-5	2-Nitrophenol	310	< 310 U
65-85-0	Benzoic Acid	620	< 620 U
111-91-1	bis(2-Chloroethoxy) Methane	62	< 62 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
91-20-3	Naphthalene	62	< 62 U
106-47-8	4-Chloroaniline	310	< 310 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	62	< 62 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	62	< 62 U
88-74-4	2-Nitroaniline	310	< 310 U
208-96-8	Acenaphthylene	62	< 62 U
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	62	< 62 U
51-28-5	2,4-Dinitrophenol	620	< 620 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	62	< 62 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	62	< 62 U

Lab Sample ID: JZ53F
 LIMS ID: 06-18589
 Matrix: Sediment
 Date Analyzed: 10/30/06 19:21

QC Report No: JZ53-Windward Environmental, LLC
 Project: LDW RI-Surface Sediment Chemistry
 04-08-06-24

CAS Number	Analyte	RL	Result
7005-72-3	4-Chlorophenyl-phenylether	62	< 62 U
86-73-7	Fluorene	62	< 62 U
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	620	< 620 U
101-55-3	4-Bromophenyl-phenylether	62	< 62 U
85-01-8	Phenanthrene	62	< 62 U
120-12-7	Anthracene	62	< 62 U
84-74-2	Di-n-Butylphthalate	62	< 62 U
206-44-0	Fluoranthene	62	32 J
129-00-0	Pyrene	62	< 62 U
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo (a) anthracene	62	< 62 U
117-81-7	bis (2-Ethylhexyl) phthalate	62	41 J
218-01-9	Chrysene	62	< 62 U
117-84-0	Di-n-Octyl phthalate	62	< 62 U
205-99-2	Benzo (b) fluoranthene	62	< 62 U
207-08-9	Benzo (k) fluoranthene	62	< 62 U
50-32-8	Benzo (a) pyrene	62	< 62 U
193-39-5	Indeno (1,2,3-cd) pyrene	62	< 62 U
191-24-2	Benzo (g,h,i) perylene	62	< 62 U
62-53-3	Aniline	62	< 62 U
62-75-9	N-Nitrosodimethylamine	310	< 310 U
90-12-0	1-Methylnaphthalene	62	< 62 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	60.8%	2-Fluorobiphenyl	62.0%
d14-p-Terphenyl	60.8%	d4-1,2-Dichlorobenzene	59.6%
d5-Phenol	59.5%	2-Fluorophenol	58.4%
2,4,6-Tribromophenol	62.1%	d4-2-Chlorophenol	58.9%

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 2

Sample ID: LDW-SS340-010
SAMPLE

Lab Sample ID: JZ53G
LIMS ID: 06-18590
Matrix: Sediment
Data Release Authorized: VTS
Reported: 11/07/06

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/17/06
Date Analyzed: 10/30/06 19:52
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 32.8 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 41.0%
pH: 6.9

CAS Number	Analyte	RL	Result
108-95-2	Phenol	61	< 61 U
111-44-4	Bis-(2-Chloroethyl) Ether	61	< 61 U
95-57-8	2-Chlorophenol	61	< 61 U
541-73-1	1,3-Dichlorobenzene	61	< 61 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	61	< 61 U
106-44-5	4-Methylphenol	61	< 61 U
67-72-1	Hexachloroethane	61	< 61 U
98-95-3	Nitrobenzene	61	< 61 U
78-59-1	Isophorone	61	< 61 U
88-75-5	2-Nitrophenol	300	< 300 U
65-85-0	Benzoic Acid	610	< 610 U
111-91-1	bis(2-Chloroethoxy) Methane	61	< 61 U
120-83-2	2,4-Dichlorophenol	300	< 300 U
91-20-3	Naphthalene	61	< 61 U
106-47-8	4-Chloroaniline	300	< 300 U
59-50-7	4-Chloro-3-methylphenol	300	< 300 U
91-57-6	2-Methylnaphthalene	61	< 61 U
77-47-4	Hexachlorocyclopentadiene	300	< 300 U
88-06-2	2,4,6-Trichlorophenol	300	< 300 U
95-95-4	2,4,5-Trichlorophenol	300	< 300 U
91-58-7	2-Chloronaphthalene	61	< 61 U
88-74-4	2-Nitroaniline	300	< 300 U
208-96-8	Acenaphthylene	61	< 61 U
99-09-2	3-Nitroaniline	300	< 300 U
83-32-9	Acenaphthene	61	< 61 U
51-28-5	2,4-Dinitrophenol	610	< 610 U
100-02-7	4-Nitrophenol	300	< 300 U
132-64-9	Dibenzofuran	61	< 61 U
606-20-2	2,6-Dinitrotoluene	300	< 300 U
121-14-2	2,4-Dinitrotoluene	300	< 300 U
84-66-2	Diethylphthalate	61	< 61 U

Sample ID: LDW-SS340-010
 SAMPLE

Lab Sample ID: JZ53G
 LIMS ID: 06-18590
 Matrix: Sediment
 Date Analyzed: 10/30/06 19:52

QC Report No: JZ53-Windward Environmental, LLC
 Project: LDW RI-Surface Sediment Chemistry
 04-08-06-24

CAS Number	Analyte	RL	Result
7005-72-3	4-Chlorophenyl-phenylether	61	< 61 U
86-73-7	Fluorene	61	< 61 U
100-01-6	4-Nitroaniline	300	< 300 U
534-52-1	4,6-Dinitro-2-Methylphenol	610	< 610 U
101-55-3	4-Bromophenyl-phenylether	61	< 61 U
85-01-8	Phenanthrene	61	52 J
120-12-7	Anthracene	61	< 61 U
84-74-2	Di-n-Butylphthalate	61	< 61 U
206-44-0	Fluoranthene	61	140
129-00-0	Pyrene	61	120
91-94-1	3,3'-Dichlorobenzidine	300	< 300 U
56-55-3	Benzo (a) anthracene	61	56 J
117-81-7	bis (2-Ethylhexyl) phthalate	61	100
218-01-9	Chrysene	61	94
117-84-0	Di-n-Octyl phthalate	61	< 61 U
205-99-2	Benzo (b) fluoranthene	61	100
207-08-9	Benzo (k) fluoranthene	61	52 J
50-32-8	Benzo (a) pyrene	61	71
193-39-5	Indeno (1,2,3-cd) pyrene	61	52 J
191-24-2	Benzo (g,h,i) perylene	61	60 J
62-53-3	Aniline	61	< 61 U
62-75-9	N-Nitrosodimethylamine	300	< 300 U
90-12-0	1-Methylnaphthalene	61	< 61 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	61.2%	2-Fluorobiphenyl	62.4%
d14-p-Terphenyl	58.8%	d4-1,2-Dichlorobenzene	58.4%
d5-Phenol	60.3%	2-Fluorophenol	59.5%
2,4,6-Tribromophenol	65.9%	d4-2-Chlorophenol	59.5%

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 2

Sample ID: LDW-SS341-010
SAMPLE

Lab Sample ID: JZ53E
LIMS ID: 06-18588
Matrix: Sediment
Data Release Authorized: *VTS*
Reported: 11/07/06

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/17/06
Date Analyzed: 10/30/06 18:49
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 32.8 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 29.2%
pH: 6.7

CAS Number	Analyte	RL	Result
108-95-2	Phenol	61	< 61 U
111-44-4	Bis-(2-Chloroethyl) Ether	61	< 61 U
95-57-8	2-Chlorophenol	61	< 61 U
541-73-1	1,3-Dichlorobenzene	61	< 61 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	61	< 61 U
106-44-5	4-Methylphenol	61	< 61 U
67-72-1	Hexachloroethane	61	< 61 U
98-95-3	Nitrobenzene	61	< 61 U
78-59-1	Isophorone	61	< 61 U
88-75-5	2-Nitrophenol	300	< 300 U
65-85-0	Benzoic Acid	610	< 610 U
111-91-1	bis(2-Chloroethoxy) Methane	61	< 61 U
120-83-2	2,4-Dichlorophenol	300	< 300 U
91-20-3	Naphthalene	61	< 61 U
106-47-8	4-Chloroaniline	300	< 300 U
59-50-7	4-Chloro-3-methylphenol	300	< 300 U
91-57-6	2-Methylnaphthalene	61	< 61 U
77-47-4	Hexachlorocyclopentadiene	300	< 300 U
88-06-2	2,4,6-Trichlorophenol	300	< 300 U
95-95-4	2,4,5-Trichlorophenol	300	< 300 U
91-58-7	2-Chloronaphthalene	61	< 61 U
88-74-4	2-Nitroaniline	300	< 300 U
208-96-8	Acenaphthylene	61	< 61 U
99-09-2	3-Nitroaniline	300	< 300 U
83-32-9	Acenaphthene	61	< 61 U
51-28-5	2,4-Dinitrophenol	610	< 610 U
100-02-7	4-Nitrophenol	300	< 300 U
132-64-9	Dibenzofuran	61	< 61 U
606-20-2	2,6-Dinitrotoluene	300	< 300 U
121-14-2	2,4-Dinitrotoluene	300	< 300 U
84-66-2	Diethylphthalate	61	< 61 U

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 2 of 2

Sample ID: LDW-SS341-010
SAMPLE

Lab Sample ID: JZ53E
LIMS ID: 06-18588
Matrix: Sediment
Date Analyzed: 10/30/06 18:49

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24

CAS Number	Analyte	RL	Result
7005-72-3	4-Chlorophenyl-phenylether	61	< 61 U
86-73-7	Fluorene	61	< 61 U
100-01-6	4-Nitroaniline	300	< 300 U
534-52-1	4,6-Dinitro-2-Methylphenol	610	< 610 U
101-55-3	4-Bromophenyl-phenylether	61	< 61 U
85-01-8	Phenanthrene	61	73
120-12-7	Anthracene	61	< 61 U
84-74-2	Di-n-Butylphthalate	61	< 61 U
206-44-0	Fluoranthene	61	160
129-00-0	Pyrene	61	120
91-94-1	3,3'-Dichlorobenzidine	300	< 300 U
56-55-3	Benzo (a) anthracene	61	51 J
117-81-7	bis (2-Ethylhexyl) phthalate	61	120
218-01-9	Chrysene	61	84
117-84-0	Di-n-Octyl phthalate	61	< 61 U
205-99-2	Benzo (b) fluoranthene	61	78
207-08-9	Benzo (k) fluoranthene	61	65
50-32-8	Benzo (a) pyrene	61	67
193-39-5	Indeno (1,2,3-cd) pyrene	61	53 J
191-24-2	Benzo (g,h,i) perylene	61	59 J
62-53-3	Aniline	61	< 61 U
62-75-9	N-Nitrosodimethylamine	300	< 300 U
90-12-0	1-Methylnaphthalene	61	< 61 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	57.2%	2-Fluorobiphenyl	56.8%
d14-p-Terphenyl	52.8%	d4-1,2-Dichlorobenzene	55.6%
d5-Phenol	55.7%	2-Fluorophenol	54.4%
2,4,6-Tribromophenol	58.9%	d4-2-Chlorophenol	55.5%

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 2

Sample ID: LDW-SS342-010
SAMPLE

Lab Sample ID: JZ53C
LIMS ID: 06-18586
Matrix: Sediment
Data Release Authorized: VTS
Reported: 11/07/06

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/17/06
Date Analyzed: 10/30/06 17:47
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 32.6 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 26.6%
pH: 7.3

CAS Number	Analyte	RL	Result
108-95-2	Phenol	61	< 61 U
111-44-4	Bis-(2-Chloroethyl) Ether	61	< 61 U
95-57-8	2-Chlorophenol	61	< 61 U
541-73-1	1,3-Dichlorobenzene	61	< 61 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	61	< 61 U
106-44-5	4-Methylphenol	61	< 61 U
67-72-1	Hexachloroethane	61	< 61 U
98-95-3	Nitrobenzene	61	< 61 U
78-59-1	Isophorone	61	< 61 U
88-75-5	2-Nitrophenol	310	< 310 U
65-85-0	Benzoic Acid	610	< 610 U
111-91-1	bis(2-Chloroethoxy) Methane	61	< 61 U
120-83-2	2,4-Dichlorophenol	310	< 310 U
91-20-3	Naphthalene	61	< 61 U
106-47-8	4-Chloroaniline	310	< 310 U
59-50-7	4-Chloro-3-methylphenol	310	< 310 U
91-57-6	2-Methylnaphthalene	61	< 61 U
77-47-4	Hexachlorocyclopentadiene	310	< 310 U
88-06-2	2,4,6-Trichlorophenol	310	< 310 U
95-95-4	2,4,5-Trichlorophenol	310	< 310 U
91-58-7	2-Chloronaphthalene	61	< 61 U
88-74-4	2-Nitroaniline	310	< 310 U
208-96-8	Acenaphthylene	61	< 61 U
99-09-2	3-Nitroaniline	310	< 310 U
83-32-9	Acenaphthene	61	< 61 U
51-28-5	2,4-Dinitrophenol	610	< 610 U
100-02-7	4-Nitrophenol	310	< 310 U
132-64-9	Dibenzofuran	61	< 61 U
606-20-2	2,6-Dinitrotoluene	310	< 310 U
121-14-2	2,4-Dinitrotoluene	310	< 310 U
84-66-2	Diethylphthalate	61	< 61 U

ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS

Page 2 of 2

Sample ID: LDW-SS342-010

SAMPLE

Lab Sample ID: JZ53C

LIMS ID: 06-18586

Matrix: Sediment

Date Analyzed: 10/30/06 17:47

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

CAS Number	Analyte	RL	Result
7005-72-3	4-Chlorophenyl-phenylether	61	< 61 U
86-73-7	Fluorene	61	< 61 U
100-01-6	4-Nitroaniline	310	< 310 U
534-52-1	4,6-Dinitro-2-Methylphenol	610	< 610 U
101-55-3	4-Bromophenyl-phenylether	61	< 61 U
85-01-8	Phenanthrene	61	< 61 U
120-12-7	Anthracene	61	< 61 U
84-74-2	Di-n-Butylphthalate	61	< 61 U
206-44-0	Fluoranthene	61	47 J
129-00-0	Pyrene	61	39 J
91-94-1	3,3'-Dichlorobenzidine	310	< 310 U
56-55-3	Benzo (a) anthracene	61	< 61 U
117-81-7	bis (2-Ethylhexyl) phthalate	61	63
218-01-9	Chrysene	61	< 61 U
117-84-0	Di-n-Octyl phthalate	61	< 61 U
205-99-2	Benzo (b) fluoranthene	61	< 61 U
207-08-9	Benzo (k) fluoranthene	61	< 61 U
50-32-8	Benzo (a) pyrene	61	< 61 U
193-39-5	Indeno (1,2,3-cd) pyrene	61	< 61 U
191-24-2	Benzo (g,h,i) perylene	61	< 61 U
62-53-3	Aniline	61	< 61 U
62-75-9	N-Nitrosodimethylamine	310	< 310 U
90-12-0	1-Methylnaphthalene	61	< 61 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	60.4%	2-Fluorobiphenyl	62.0%
d14-p-Terphenyl	63.2%	d4-1,2-Dichlorobenzene	59.2%
d5-Phenol	59.2%	2-Fluorophenol	58.1%
2,4,6-Tribromophenol	66.1%	d4-2-Chlorophenol	58.7%

ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS

Page 1 of 2

Sample ID: LDW-SS343-010

SAMPLE

Lab Sample ID: JZ53D

LIMS ID: 06-18587

Matrix: Sediment

Data Release Authorized: *VTS*

Reported: 11/07/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Date Extracted: 10/17/06

Date Analyzed: 10/30/06 18:18

Instrument/Analyst: NT4/LJR

GPC Cleanup: Yes

Sample Amount: 33.1 g-dry-wt

Final Extract Volume: 2.0 mL

Dilution Factor: 1.00

Percent Moisture: 38.5%

pH: 6.9

CAS Number	Analyte	RL	Result
108-95-2	Phenol	60	< 60 U
111-44-4	Bis-(2-Chloroethyl) Ether	60	< 60 U
95-57-8	2-Chlorophenol	60	< 60 U
541-73-1	1,3-Dichlorobenzene	60	< 60 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	60	< 60 U
106-44-5	4-Methylphenol	60	< 60 U
67-72-1	Hexachloroethane	60	< 60 U
98-95-3	Nitrobenzene	60	< 60 U
78-59-1	Isophorone	60	< 60 U
88-75-5	2-Nitrophenol	300	< 300 U
65-85-0	Benzoic Acid	600	< 600 U
111-91-1	bis(2-Chloroethoxy) Methane	60	< 60 U
120-83-2	2,4-Dichlorophenol	300	< 300 U
91-20-3	Naphthalene	60	< 60 U
106-47-8	4-Chloroaniline	300	< 300 U
59-50-7	4-Chloro-3-methylphenol	300	< 300 U
91-57-6	2-Methylnaphthalene	60	< 60 U
77-47-4	Hexachlorocyclopentadiene	300	< 300 U
88-06-2	2,4,6-Trichlorophenol	300	< 300 U
95-95-4	2,4,5-Trichlorophenol	300	< 300 U
91-58-7	2-Chloronaphthalene	60	< 60 U
88-74-4	2-Nitroaniline	300	< 300 U
208-96-8	Acenaphthylene	60	< 60 U
99-09-2	3-Nitroaniline	300	< 300 U
83-32-9	Acenaphthene	60	< 60 U
51-28-5	2,4-Dinitrophenol	600	< 600 U
100-02-7	4-Nitrophenol	300	< 300 U
132-64-9	Dibenzofuran	60	< 60 U
606-20-2	2,6-Dinitrotoluene	300	< 300 U
121-14-2	2,4-Dinitrotoluene	300	< 300 U
84-66-2	Diethylphthalate	60	< 60 U

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 2 of 2

Sample ID: LDW-SS343-010
SAMPLE

Lab Sample ID: JZ53D
LIMS ID: 06-18587
Matrix: Sediment
Date Analyzed: 10/30/06 18:18

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24

CAS Number	Analyte	RL	Result
7005-72-3	4-Chlorophenyl-phenylether	60	< 60 U
86-73-7	Fluorene	60	< 60 U
100-01-6	4-Nitroaniline	300	< 300 U
534-52-1	4,6-Dinitro-2-Methylphenol	600	< 600 U
101-55-3	4-Bromophenyl-phenylether	60	< 60 U
85-01-8	Phenanthrene	60	260
120-12-7	Anthracene	60	< 60 U
84-74-2	Di-n-Butylphthalate	60	34 J
206-44-0	Fluoranthene	60	600
129-00-0	Pyrene	60	370
91-94-1	3,3'-Dichlorobenzidine	300	< 300 U
56-55-3	Benzo (a) anthracene	60	120
117-81-7	bis (2-Ethylhexyl) phthalate	60	460
218-01-9	Chrysene	60	250
117-84-0	Di-n-Octyl phthalate	60	< 60 U
205-99-2	Benzo (b) fluoranthene	60	240
207-08-9	Benzo (k) fluoranthene	60	150
50-32-8	Benzo (a) pyrene	60	150
193-39-5	Indeno (1,2,3-cd) pyrene	60	110
191-24-2	Benzo (g,h,i) perylene	60	140
62-53-3	Aniline	60	< 60 U
62-75-9	N-Nitrosodimethylamine	300	< 300 U
90-12-0	1-Methylnaphthalene	60	< 60 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	57.2%	2-Fluorobiphenyl	59.2%
d14-p-Terphenyl	48.8%	d4-1,2-Dichlorobenzene	54.0%
d5-Phenol	56.3%	2-Fluorophenol	54.7%
2,4,6-Tribromophenol	62.4%	d4-2-Chlorophenol	55.5%

ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS

Page 1 of 2

Sample ID: LDW-SS344-010

SAMPLE

Lab Sample ID: JZ53B

LIMS ID: 06-18585

Matrix: Sediment

Data Release Authorized:

Reported: 11/07/06

VTS

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Date Extracted: 10/17/06

Date Analyzed: 10/30/06 17:15

Instrument/Analyst: NT4/LJR

GPC Cleanup: Yes

Sample Amount: 33.0 g-dry-wt

Final Extract Volume: 2.0 mL

Dilution Factor: 1.00

Percent Moisture: 18.9%

pH: 7.1

CAS Number	Analyte	RL	Result
108-95-2	Phenol	60	< 60 U
111-44-4	Bis-(2-Chloroethyl) Ether	60	< 60 U
95-57-8	2-Chlorophenol	60	< 60 U
541-73-1	1,3-Dichlorobenzene	60	< 60 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	60	< 60 U
106-44-5	4-Methylphenol	60	< 60 U
67-72-1	Hexachloroethane	60	< 60 U
98-95-3	Nitrobenzene	60	< 60 U
78-59-1	Isophorone	60	< 60 U
88-75-5	2-Nitrophenol	300	< 300 U
65-85-0	Benzoic Acid	600	< 600 U
111-91-1	bis(2-Chloroethoxy) Methane	60	< 60 U
120-83-2	2,4-Dichlorophenol	300	< 300 U
91-20-3	Naphthalene	60	< 60 U
106-47-8	4-Chloroaniline	300	< 300 U
59-50-7	4-Chloro-3-methylphenol	300	< 300 U
91-57-6	2-Methylnaphthalene	60	< 60 U
77-47-4	Hexachlorocyclopentadiene	300	< 300 U
88-06-2	2,4,6-Trichlorophenol	300	< 300 U
95-95-4	2,4,5-Trichlorophenol	300	< 300 U
91-58-7	2-Chloronaphthalene	60	< 60 U
88-74-4	2-Nitroaniline	300	< 300 U
208-96-8	Acenaphthylene	60	< 60 U
99-09-2	3-Nitroaniline	300	< 300 U
83-32-9	Acenaphthene	60	< 60 U
51-28-5	2,4-Dinitrophenol	600	< 600 U
100-02-7	4-Nitrophenol	300	< 300 U
132-64-9	Dibenzofuran	60	< 60 U
606-20-2	2,6-Dinitrotoluene	300	< 300 U
121-14-2	2,4-Dinitrotoluene	300	< 300 U
84-66-2	Diethylphthalate	60	< 60 U

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 2 of 2

Sample ID: LDW-SS344-010
SAMPLE

Lab Sample ID: JZ53B
LIMS ID: 06-18585
Matrix: Sediment
Date Analyzed: 10/30/06 17:15

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24

CAS Number	Analyte	RL	Result
7005-72-3	4-Chlorophenyl-phenylether	60	< 60 U
86-73-7	Fluorene	60	< 60 U
100-01-6	4-Nitroaniline	300	< 300 U
534-52-1	4,6-Dinitro-2-Methylphenol	600	< 600 U
101-55-3	4-Bromophenyl-phenylether	60	< 60 U
85-01-8	Phenanthrene	60	89
120-12-7	Anthracene	60	< 60 U
84-74-2	Di-n-Butylphthalate	60	< 60 U
206-44-0	Fluoranthene	60	92
129-00-0	Pyrene	60	69
91-94-1	3,3'-Dichlorobenzidine	300	< 300 U
56-55-3	Benzo(a)anthracene	60	< 60 U
117-81-7	bis(2-Ethylhexyl)phthalate	60	59 J
218-01-9	Chrysene	60	< 60 U
117-84-0	Di-n-Octyl phthalate	60	< 60 U
205-99-2	Benzo(b)fluoranthene	60	< 60 U
207-08-9	Benzo(k)fluoranthene	60	< 60 U
50-32-8	Benzo(a)pyrene	60	< 60 U
193-39-5	Indeno(1,2,3-cd)pyrene	60	< 60 U
191-24-2	Benzo(g,h,i)perylene	60	< 60 U
62-53-3	Aniline	60	< 60 U
62-75-9	N-Nitrosodimethylamine	300	< 300 U
90-12-0	1-Methylnaphthalene	60	< 60 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	60.0%	2-Fluorobiphenyl	61.2%
d14-p-Terphenyl	60.8%	d4-1,2-Dichlorobenzene	58.4%
d5-Phenol	58.4%	2-Fluorophenol	58.1%
2,4,6-Tribromophenol	62.1%	d4-2-Chlorophenol	57.9%

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by SW8270D GC/MS
Page 1 of 2

Sample ID: LDW-SS308-RB
SAMPLE

Lab Sample ID: JZ53P
LIMS ID: 06-18599
Matrix: Water
Data Release Authorized: *VTS*
Reported: 11/07/06

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/10/06
Date Analyzed: 10/17/06 15:18
Instrument/Analyst: NT4/LJR

Sample Amount: 500 mL
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
108-95-2	Phenol	1.0	< 1.0 U
111-44-4	Bis-(2-Chloroethyl) Ether	1.0	< 1.0 U
95-57-8	2-Chlorophenol	1.0	< 1.0 U
541-73-1	1,3-Dichlorobenzene	1.0	< 1.0 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	1.0	< 1.0 U
106-44-5	4-Methylphenol	1.0	< 1.0 U
67-72-1	Hexachloroethane	1.0	< 1.0 U
98-95-3	Nitrobenzene	1.0	< 1.0 U
78-59-1	Isophorone	1.0	< 1.0 U
88-75-5	2-Nitrophenol	5.0	< 5.0 U
65-85-0	Benzoic Acid	10	< 10 U
111-91-1	bis(2-Chloroethoxy) Methane	1.0	< 1.0 U
120-83-2	2,4-Dichlorophenol	5.0	< 5.0 U
91-20-3	Naphthalene	1.0	< 1.0 U
106-47-8	4-Chloroaniline	5.0	< 5.0 U
59-50-7	4-Chloro-3-methylphenol	5.0	< 5.0 U
91-57-6	2-Methylnaphthalene	1.0	< 1.0 U
77-47-4	Hexachlorocyclopentadiene	5.0	< 5.0 U
88-06-2	2,4,6-Trichlorophenol	5.0	< 5.0 U
95-95-4	2,4,5-Trichlorophenol	5.0	< 5.0 U
91-58-7	2-Chloronaphthalene	1.0	< 1.0 U
88-74-4	2-Nitroaniline	5.0	< 5.0 U
208-96-8	Acenaphthylene	1.0	< 1.0 U
99-09-2	3-Nitroaniline	5.0	< 5.0 U
83-32-9	Acenaphthene	1.0	< 1.0 U
51-28-5	2,4-Dinitrophenol	10	< 10 U
100-02-7	4-Nitrophenol	5.0	< 5.0 U
132-64-9	Dibenzofuran	1.0	< 1.0 U
606-20-2	2,6-Dinitrotoluene	5.0	< 5.0 U
121-14-2	2,4-Dinitrotoluene	5.0	< 5.0 U
84-66-2	Diethylphthalate	1.0	< 1.0 U
7005-72-3	4-Chlorophenyl-phenylether	1.0	< 1.0 U
86-73-7	Fluorene	1.0	< 1.0 U

Sample ID: LDW-SS308-RB
 SAMPLE

Lab Sample ID: JZ53P
 LIMS ID: 06-18599
 Matrix: Water
 Date Analyzed: 10/17/06 15:18

QC Report No: JZ53-Windward Environmental, LLC
 Project: LDW RI-Surface Sediment Chemistry
 04-08-06-24

CAS Number	Analyte	RL	Result
100-01-6	4-Nitroaniline	5.0	< 5.0 U
534-52-1	4,6-Dinitro-2-Methylphenol	10	< 10 U
101-55-3	4-Bromophenyl-phenylether	1.0	< 1.0 U
85-01-8	Phenanthrene	1.0	< 1.0 U
120-12-7	Anthracene	1.0	< 1.0 U
84-74-2	Di-n-Butylphthalate	1.0	< 1.0 U
206-44-0	Fluoranthene	1.0	< 1.0 U
129-00-0	Pyrene	1.0	< 1.0 U
91-94-1	3,3'-Dichlorobenzidine	5.0	< 5.0 U
56-55-3	Benzo (a) anthracene	1.0	< 1.0 U
117-81-7	bis(2-Ethylhexyl)phthalate	1.0	< 1.0 U
218-01-9	Chrysene	1.0	< 1.0 U
117-84-0	Di-n-Octyl phthalate	1.0	< 1.0 U
205-99-2	Benzo (b) fluoranthene	1.0	< 1.0 U
207-08-9	Benzo (k) fluoranthene	1.0	< 1.0 U
50-32-8	Benzo (a) pyrene	1.0	< 1.0 U
193-39-5	Indeno (1,2,3-cd) pyrene	1.0	< 1.0 U
191-24-2	Benzo (g,h,i) perylene	1.0	< 1.0 U
62-53-3	Aniline	1.0	< 1.0 U
90-12-0	1-Methylnaphthalene	1.0	< 1.0 U

Reported in $\mu\text{g/L}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	68.8%	2-Fluorobiphenyl	66.8%
d14-p-Terphenyl	70.4%	d4-1,2-Dichlorobenzene	62.8%
d5-Phenol	31.2%	2-Fluorophenol	45.3%
2,4,6-Tribromophenol	71.2%	d4-2-Chlorophenol	62.9%

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 2

Sample ID: LDW-SS325-RB
SAMPLE

Lab Sample ID: KA180
LIMS ID: 06-18981
Matrix: Water
Data Release Authorized: *[Signature]*
Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Date Extracted: 10/11/06
Date Analyzed: 10/17/06 18:31
Instrument/Analyst: NT4/LJR

Sample Amount: 500 mL
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
108-95-2	Phenol	1.0	< 1.0 U
111-44-4	Bis-(2-Chloroethyl) Ether	1.0	< 1.0 U
95-57-8	2-Chlorophenol	1.0	< 1.0 U
541-73-1	1,3-Dichlorobenzene	1.0	< 1.0 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	1.0	< 1.0 U
106-44-5	4-Methylphenol	1.0	< 1.0 U
67-72-1	Hexachloroethane	1.0	< 1.0 U
98-95-3	Nitrobenzene	1.0	< 1.0 U
78-59-1	Isophorone	1.0	< 1.0 U
88-75-5	2-Nitrophenol	5.0	< 5.0 U
65-85-0	Benzoic Acid	10	< 10 U
111-91-1	bis(2-Chloroethoxy) Methane	1.0	< 1.0 U
120-83-2	2,4-Dichlorophenol	5.0	< 5.0 U
91-20-3	Naphthalene	1.0	< 1.0 U
106-47-8	4-Chloroaniline	5.0	< 5.0 U
59-50-7	4-Chloro-3-methylphenol	5.0	< 5.0 U
91-57-6	2-Methylnaphthalene	1.0	< 1.0 U
77-47-4	Hexachlorocyclopentadiene	5.0	< 5.0 U
88-06-2	2,4,6-Trichlorophenol	5.0	< 5.0 U
95-95-4	2,4,5-Trichlorophenol	5.0	< 5.0 U
91-58-7	2-Chloronaphthalene	1.0	< 1.0 U
88-74-4	2-Nitroaniline	5.0	< 5.0 U
208-96-8	Acenaphthylene	1.0	< 1.0 U
99-09-2	3-Nitroaniline	5.0	< 5.0 U
83-32-9	Acenaphthene	1.0	< 1.0 U
51-28-5	2,4-Dinitrophenol	10	< 10 U
100-02-7	4-Nitrophenol	5.0	< 5.0 U
132-64-9	Dibenzofuran	1.0	< 1.0 U
606-20-2	2,6-Dinitrotoluene	5.0	< 5.0 U
121-14-2	2,4-Dinitrotoluene	5.0	< 5.0 U
84-66-2	Diethylphthalate	1.0	< 1.0 U
7005-72-3	4-Chlorophenyl-phenylether	1.0	< 1.0 U
86-73-7	Fluorene	1.0	< 1.0 U
100-01-6	4-Nitroaniline	5.0	< 5.0 U
534-52-1	4,6-Dinitro-2-Methylphenol	10	< 10 U
101-55-3	4-Bromophenyl-phenylether	1.0	< 1.0 U
85-01-8	Phenanthrene	1.0	< 1.0 U
120-12-7	Anthracene	1.0	< 1.0 U
84-74-2	Di-n-Butylphthalate	1.0	< 1.0 U
206-44-0	Fluoranthene	1.0	< 1.0 U

ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS
 Page 2 of 2



Sample ID: LDW-SS325-RB
 SAMPLE

Lab Sample ID: KA180
 LIMS ID: 06-18981
 Matrix: Water
 Date Analyzed: 10/17/06 18:31

QC Report No: KA18-Windward Environmental, LLC
 Project: LDW RI-Round 3 Surface Sediment
 04-08-06-24

CAS Number	Analyte	RL	Result
129-00-0	Pyrene	1.0	< 1.0 U
91-94-1	3,3'-Dichlorobenzidine	5.0	< 5.0 U
56-55-3	Benzo(a)anthracene	1.0	< 1.0 U
117-81-7	bis(2-Ethylhexyl)phthalate	1.0	1.1 B
218-01-9	Chrysene	1.0	< 1.0 U
117-84-0	Di-n-Octyl phthalate	1.0	< 1.0 U
205-99-2	Benzo(b)fluoranthene	1.0	< 1.0 U
207-08-9	Benzo(k)fluoranthene	1.0	< 1.0 U
50-32-8	Benzo(a)pyrene	1.0	< 1.0 U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	< 1.0 U
191-24-2	Benzo(g,h,i)perylene	1.0	< 1.0 U
62-53-3	Aniline	1.0	< 1.0 U
90-12-0	1-Methylnaphthalene	1.0	< 1.0 U

Reported in µg/L (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	72.0%	2-Fluorobiphenyl	68.4%
d14-p-Terphenyl	76.4%	d4-1,2-Dichlorobenzene	64.8%
d5-Phenol	32.3%	2-Fluorophenol	47.2%
2,4,6-Tribromophenol	74.7%	d4-2-Chlorophenol	66.1%

Lab Sample ID: JZ53A
LIMS ID: 06-18584
Matrix: Water
Data Release Authorized: VTS
Reported: 11/07/06

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/10/06
Date Analyzed: 10/17/06 14:46
Instrument/Analyst: NT4/LJR

Sample Amount: 500 mL
Final Extract Volume: 0.50 mL
Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
108-95-2	Phenol	1.0	< 1.0 U
111-44-4	Bis-(2-Chloroethyl) Ether	1.0	< 1.0 U
95-57-8	2-Chlorophenol	1.0	< 1.0 U
541-73-1	1,3-Dichlorobenzene	1.0	< 1.0 U
108-60-1	2,2'-Oxybis(1-Chloropropane)	1.0	< 1.0 U
106-44-5	4-Methylphenol	1.0	< 1.0 U
67-72-1	Hexachloroethane	1.0	< 1.0 U
98-95-3	Nitrobenzene	1.0	< 1.0 U
78-59-1	Isophorone	1.0	< 1.0 U
88-75-5	2-Nitrophenol	5.0	< 5.0 U
65-85-0	Benzoic Acid	10	< 10 U
111-91-1	bis(2-Chloroethoxy) Methane	1.0	< 1.0 U
120-83-2	2,4-Dichlorophenol	5.0	< 5.0 U
91-20-3	Naphthalene	1.0	< 1.0 U
106-47-8	4-Chloroaniline	5.0	< 5.0 U
59-50-7	4-Chloro-3-methylphenol	5.0	< 5.0 U
91-57-6	2-Methylnaphthalene	1.0	< 1.0 U
77-47-4	Hexachlorocyclopentadiene	5.0	< 5.0 U
88-06-2	2,4,6-Trichlorophenol	5.0	< 5.0 U
95-95-4	2,4,5-Trichlorophenol	5.0	< 5.0 U
91-58-7	2-Chloronaphthalene	1.0	< 1.0 U
88-74-4	2-Nitroaniline	5.0	< 5.0 U
208-96-8	Acenaphthylene	1.0	< 1.0 U
99-09-2	3-Nitroaniline	5.0	< 5.0 U
83-32-9	Acenaphthene	1.0	< 1.0 U
51-28-5	2,4-Dinitrophenol	10	< 10 U
100-02-7	4-Nitrophenol	5.0	< 5.0 U
132-64-9	Dibenzofuran	1.0	< 1.0 U
606-20-2	2,6-Dinitrotoluene	5.0	< 5.0 U
121-14-2	2,4-Dinitrotoluene	5.0	< 5.0 U
84-66-2	Diethylphthalate	1.0	< 1.0 U
7005-72-3	4-Chlorophenyl-phenylether	1.0	< 1.0 U
86-73-7	Fluorene	1.0	< 1.0 U

Sample ID: LDW-SS344-RB
 SAMPLE

Lab Sample ID: JZ53A
 LIMS ID: 06-18584
 Matrix: Water
 Date Analyzed: 10/17/06 14:46

QC Report No: JZ53-Windward Environmental, LLC
 Project: LDW RI-Surface Sediment Chemistry
 04-08-06-24

CAS Number	Analyte	RL	Result
100-01-6	4-Nitroaniline	5.0	< 5.0 U
534-52-1	4,6-Dinitro-2-Methylphenol	10	< 10 U
101-55-3	4-Bromophenyl-phenylether	1.0	< 1.0 U
85-01-8	Phenanthrene	1.0	< 1.0 U
120-12-7	Anthracene	1.0	< 1.0 U
84-74-2	Di-n-Butylphthalate	1.0	< 1.0 U
206-44-0	Fluoranthene	1.0	< 1.0 U
129-00-0	Pyrene	1.0	< 1.0 U
91-94-1	3,3'-Dichlorobenzidine	5.0	< 5.0 U
56-55-3	Benzo (a) anthracene	1.0	< 1.0 U
117-81-7	bis (2-Ethylhexyl) phthalate	1.0	< 1.0 U
218-01-9	Chrysene	1.0	< 1.0 U
117-84-0	Di-n-Octyl phthalate	1.0	< 1.0 U
205-99-2	Benzo (b) fluoranthene	1.0	< 1.0 U
207-08-9	Benzo (k) fluoranthene	1.0	< 1.0 U
50-32-8	Benzo (a) pyrene	1.0	< 1.0 U
193-39-5	Indeno (1,2,3-cd) pyrene	1.0	< 1.0 U
191-24-2	Benzo (g,h,i) perylene	1.0	< 1.0 U
62-53-3	Aniline	1.0	< 1.0 U
90-12-0	1-Methylnaphthalene	1.0	< 1.0 U

Reported in $\mu\text{g/L}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	69.2%	2-Fluorobiphenyl	67.2%
d14-p-Terphenyl	74.8%	d4-1,2-Dichlorobenzene	60.4%
d5-Phenol	30.9%	2-Fluorophenol	43.5%
2,4,6-Tribromophenol	72.8%	d4-2-Chlorophenol	61.6%

E-4 SVOCs – SIM

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS
Page 1 of 1

Sample ID: LDW-SS301-010
SAMPLE

Lab Sample ID: JZ53J
LIMS ID: 06-18593
Matrix: Sediment
Data Release Authorized: **VTS**
Reported: 11/07/06

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/17/06
Date Analyzed: 11/01/06 23:22
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes
Silica Gel Cleanup: No

Sample Amount: 32.7 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 29.8%
pH: 7.5

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.1	50
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
131-11-3	Dimethylphthalate	6.1	< 6.1 U
85-68-7	Butylbenzylphthalate	6.1	11
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U
621-64-7	N-Nitroso-Di-N-Propylamine	31	< 31 U
62-75-9	N-Nitrosodimethylamine	31	< 31 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	48.4%	d5-Phenol	63.5%
2-Fluorophenol	74.7%	d4-2-Chlorophenol	76.0%
d4-1,2-Dichlorobenzene	64.0%	d5-Nitrobenzene	58.0%
2,4,6-Tribromophenol	61.1%	d14-p-Terphenyl	48.8%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SS403-010

Page 1 of 1

SAMPLE

Lab Sample ID: JZ53U

QC Report No: JZ53-Windward Environmental, LLC

LIMS ID: 06-18604

Project: LDW RI-Surface Sediment Chemistry

Matrix: Sediment

Event: 04-08-06-24

Data Release Authorized: **VTS**

Date Sampled: 10/03/06

Reported: 11/07/06

Date Received: 10/03/06

Date Extracted: 10/17/06

Sample Amount: 32.4 g-dry-wt

Date Analyzed: 11/03/06 22:39

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 32.7%

Silica Gel Cleanup: No

pH: 7.6

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.2	340
106-46-7	1,4-Dichlorobenzene	6.2	< 6.2 U
120-82-1	1,2,4-Trichlorobenzene	6.2	< 6.2 U
118-74-1	Hexachlorobenzene	6.2	< 6.2 U
87-68-3	Hexachlorobutadiene	6.2	< 6.2 U
131-11-3	Dimethylphthalate	6.2	< 6.2 U
85-68-7	Butylbenzylphthalate	6.2	14
95-48-7	2-Methylphenol	6.2	< 6.2 U
105-67-9	2,4-Dimethylphenol	6.2	< 6.2 U
86-30-6	N-Nitrosodiphenylamine	10	< 10 Y
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.2	< 6.2 U
621-64-7	N-Nitroso-Di-N-Propylamine	31	< 31 U
62-75-9	N-Nitrosodimethylamine	31	< 31 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	61.6%	d5-Phenol	61.3%
2-Fluorophenol	82.1%	d4-2-Chlorophenol	64.8%
d4-1,2-Dichlorobenzene	57.6%	d5-Nitrobenzene	70.0%
2,4,6-Tribromophenol	93.6%	d14-p-Terphenyl	43.2%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS
Page 1 of 1

Sample ID: LDW-SS302-010
SAMPLE

Lab Sample ID: JZ53K
LIMS ID: 06-18594
Matrix: Sediment
Data Release Authorized: **VTS**
Reported: 11/07/06

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/17/06
Date Analyzed: 11/01/06 23:54
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes
Silica Gel Cleanup: No

Sample Amount: 32.2 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 51.5%
pH: 7.5

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.2	60
106-46-7	1,4-Dichlorobenzene	6.2	< 6.2 U
120-82-1	1,2,4-Trichlorobenzene	6.2	< 6.2 U
118-74-1	Hexachlorobenzene	6.2	< 6.2 U
87-68-3	Hexachlorobutadiene	6.2	< 6.2 U
131-11-3	Dimethylphthalate	6.2	7.4
85-68-7	Butylbenzylphthalate	6.2	35
95-48-7	2-Methylphenol	6.2	< 6.2 U
105-67-9	2,4-Dimethylphenol	6.2	< 6.2 U
86-30-6	N-Nitrosodiphenylamine	6.2	< 6.2 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.2	< 6.2 U
621-64-7	N-Nitroso-Di-N-Propylamine	31	< 31 U
62-75-9	N-Nitrosodimethylamine	31	< 31 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	36.8%	d5-Phenol	52.0%
2-Fluorophenol	60.3%	d4-2-Chlorophenol	61.1%
d4-1,2-Dichlorobenzene	50.4%	d5-Nitrobenzene	40.0%
2,4,6-Tribromophenol	44.5%	d14-p-Terphenyl	36.4%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS
Page 1 of 1

Sample ID: LDW-SS303-010
SAMPLE

Lab Sample ID: KA18N
LIMS ID: 06-18980
Matrix: Sediment
Data Release Authorized: *AB*
Reported: 02/09/07

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
Event: 04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Date Extracted: 10/18/06
Date Analyzed: 11/01/06 16:58
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes
Silica Gel Cleanup: No

Sample Amount: 32.6 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 34.3%
pH: 8.0

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.1	100
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 3.1 UJ
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
131-11-3	Dimethylphthalate	6.1	6.1
85-68-7	Butylbenzylphthalate	6.1	20
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U
621-64-7	N-Nitroso-Di-N-Propylamine	31	< 31 U
62-75-9	N-Nitrosodimethylamine	31	< 31 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	56.0%	d5-Phenol	63.7%
2-Fluorophenol	96.5%	d4-2-Chlorophenol	74.9%
d4-1,2-Dichlorobenzene	56.8%	d5-Nitrobenzene	60.0%
2,4,6-Tribromophenol	62.1%	d14-p-Terphenyl	48.4%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS
Page 1 of 1

Sample ID: LDW-SS304-010
SAMPLE

Lab Sample ID: KA18R
LIMS ID: 06-18984
Matrix: Sediment
Data Release Authorized: *VTS*
Reported: 11/07/06

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
Event: 04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Date Extracted: 10/18/06
Date Analyzed: 11/01/06 18:35
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes
Silica Gel Cleanup: No

Sample Amount: 32.5 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 32.7%
pH: 7.5

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.2	33
106-46-7	1,4-Dichlorobenzene	6.2	< 6.2 U
120-82-1	1,2,4-Trichlorobenzene	6.2	< 6.2 U
118-74-1	Hexachlorobenzene	6.2	< 6.2 U
87-68-3	Hexachlorobutadiene	6.2	< 6.2 U
131-11-3	Dimethylphthalate	6.2	8.6
85-68-7	Butylbenzylphthalate	6.2	30
95-48-7	2-Methylphenol	6.2	< 6.2 U
105-67-9	2,4-Dimethylphenol	6.2	< 6.2 U
86-30-6	N-Nitrosodiphenylamine	6.2	< 6.2 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.2	< 6.2 U
621-64-7	N-Nitroso-Di-N-Propylamine	31	< 31 U
62-75-9	N-Nitrosodimethylamine	31	< 31 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	44.4%	d5-Phenol	58.4%
2-Fluorophenol	62.7%	d4-2-Chlorophenol	65.3%
d4-1,2-Dichlorobenzene	50.8%	d5-Nitrobenzene	48.4%
2,4,6-Tribromophenol	52.5%	d14-p-Terphenyl	38.6%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS
Page 1 of 1

Sample ID: LDW-SS305-010
SAMPLE

Lab Sample ID: JZ53L
LIMS ID: 06-18595
Matrix: Sediment
Data Release Authorized: *VTS*
Reported: 11/07/06

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/17/06
Date Analyzed: 11/02/06 00:26
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes
Silica Gel Cleanup: No

Sample Amount: 32.6 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 50.2%
pH: 7.5

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.1	77
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
131-11-3	Dimethylphthalate	6.1	< 6.1 U
85-68-7	Butylbenzylphthalate	6.1	32
95-48-7	2-Methylphenol	6.1	10
105-67-9	2,4-Dimethylphenol	6.1	6.1
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U
621-64-7	N-Nitroso-Di-N-Propylamine	31	< 31 U
62-75-9	N-Nitrosodimethylamine	31	< 31 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	36.9%	d5-Phenol	58.7%
2-Fluorophenol	72.8%	d4-2-Chlorophenol	76.5%
d4-1,2-Dichlorobenzene	63.6%	d5-Nitrobenzene	42.8%
2,4,6-Tribromophenol	45.3%	d14-p-Terphenyl	44.0%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SS306-010

Page 1 of 1

SAMPLE

Lab Sample ID: JZ53N

QC Report No: JZ53-Windward Environmental, LLC

LIMS ID: 06-18597

Project: LDW RI-Surface Sediment Chemistry

Matrix: Sediment

Event: 04-08-06-24

Data Release Authorized: *VTS*

Date Sampled: 10/03/06

Reported: 11/07/06

Date Received: 10/03/06

Date Extracted: 10/17/06

Sample Amount: 32.7 g-dry-wt

Date Analyzed: 11/03/06 18:54

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 22.5%

Silica Gel Cleanup: No

pH: 7.3

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.1	< 6.1 U
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
131-11-3	Dimethylphthalate	6.1	< 6.1 U
85-68-7	Butylbenzylphthalate	6.1	< 6.1 U
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	43	< 43 Y
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U
621-64-7	N-Nitroso-Di-N-Propylamine	31	< 31 U
62-75-9	N-Nitrosodimethylamine	31	< 31 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	75.6%	d5-Phenol	62.1%
2-Fluorophenol	83.2%	d4-2-Chlorophenol	76.5%
d4-1,2-Dichlorobenzene	74.0%	d5-Nitrobenzene	64.0%
2,4,6-Tribromophenol	82.9%	d14-p-Terphenyl	72.8%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS
Page 1 of 1

Sample ID: LDW-SS307-010
SAMPLE

Lab Sample ID: JZ53M
LIMS ID: 06-18596
Matrix: Sediment
Data Release Authorized: *VTS*
Reported: 11/07/06

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/17/06
Date Analyzed: 11/02/06 00:58
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes
Silica Gel Cleanup: No

Sample Amount: 33.0 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 44.0%
pH: 7.4

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.1	81
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
131-11-3	Dimethylphthalate	6.1	< 6.1 U
85-68-7	Butylbenzylphthalate	6.1	30
95-48-7	2-Methylphenol	6.1	9.1
105-67-9	2,4-Dimethylphenol	6.1	6.7
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U
621-64-7	N-Nitroso-Di-N-Propylamine	30	< 30 U
62-75-9	N-Nitrosodimethylamine	30	< 30 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	33.1%	d5-Phenol	52.5%
2-Fluorophenol	72.8%	d4-2-Chlorophenol	70.4%
d4-1,2-Dichlorobenzene	58.4%	d5-Nitrobenzene	36.1%
2,4,6-Tribromophenol	39.5%	d14-p-Terphenyl	40.4%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SS308-010

Page 1 of 1

SAMPLE

Lab Sample ID: JZ530

QC Report No: JZ53-Windward Environmental, LLC

LIMS ID: 06-18598

Project: LDW RI-Surface Sediment Chemistry

Matrix: Sediment

Event: 04-08-06-24

Data Release Authorized: *WTS*

Date Sampled: 10/03/06

Reported: 11/07/06

Date Received: 10/03/06

Date Extracted: 10/17/06

Sample Amount: 32.8 g-dry-wt

Date Analyzed: 11/03/06 20:30

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 47.1%

Silica Gel Cleanup: No

pH: 7.4

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.1	93
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
131-11-3	Dimethylphthalate	6.1	6.7
85-68-7	Butylbenzylphthalate	6.1	40
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	14	< 14 Y
100-51-6	Benzyl Alcohol	33	< 33 Y
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U
621-64-7	N-Nitroso-Di-N-Propylamine	30	< 30 U
62-75-9	N-Nitrosodimethylamine	30	< 30 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	56.4%	d5-Phenol	48.8%
2-Fluorophenol	71.7%	d4-2-Chlorophenol	60.0%
d4-1,2-Dichlorobenzene	54.0%	d5-Nitrobenzene	52.0%
2,4,6-Tribromophenol	88.0%	d14-p-Terphenyl	52.0%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS
Page 1 of 1

Sample ID: LDW-SS309-010
SAMPLE

Lab Sample ID: JZ53Q
LIMS ID: 06-18600
Matrix: Sediment
Data Release Authorized: **VTS**
Reported: 11/07/06

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/17/06
Date Analyzed: 11/03/06 21:03
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes
Silica Gel Cleanup: No

Sample Amount: 32.9 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 50.1%
pH: 7.5

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.1	91
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
131-11-3	Dimethylphthalate	6.1	7.9
85-68-7	Butylbenzylphthalate	6.1	40
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	9.7	< 9.7 Y
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorophenol	6.1	< 6.1 U
621-64-7	N-Nitroso-Di-N-Propylamine	30	< 30 U
62-75-9	N-Nitrosodimethylamine	30	< 30 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	57.2%	d5-Phenol	54.1%
2-Fluorophenol	65.3%	d4-2-Chlorophenol	63.5%
d4-1,2-Dichlorobenzene	55.6%	d5-Nitrobenzene	54.4%
2,4,6-Tribromophenol	92.3%	d14-p-Terphenyl	46.4%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SS310-010

Page 1 of 1

SAMPLE

Lab Sample ID: JZ53R

QC Report No: JZ53-Windward Environmental, LLC

LIMS ID: 06-18601

Project: LDW RI-Surface Sediment Chemistry

Matrix: Sediment

Event: 04-08-06-24

Data Release Authorized: **VTS**

Date Sampled: 10/03/06

Reported: 11/07/06

Date Received: 10/03/06

Date Extracted: 10/17/06

Sample Amount: 32.3 g-dry-wt

Date Analyzed: 11/03/06 21:35

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 51.4%

Silica Gel Cleanup: No

pH: 7.5

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.2	98
106-46-7	1,4-Dichlorobenzene	6.2	7.4
120-82-1	1,2,4-Trichlorobenzene	6.2	< 6.2 U
118-74-1	Hexachlorobenzene	6.2	< 6.2 U
87-68-3	Hexachlorobutadiene	6.2	< 6.2 U
131-11-3	Dimethylphthalate	6.2	8.0
85-68-7	Butylbenzylphthalate	6.2	53
95-48-7	2-Methylphenol	6.2	< 6.2 U
105-67-9	2,4-Dimethylphenol	6.2	< 6.2 U
86-30-6	N-Nitrosodiphenylamine	11	< 11 Y
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.2	< 6.2 U
621-64-7	N-Nitroso-Di-N-Propylamine	31	< 31 U
62-75-9	N-Nitrosodimethylamine	31	< 31 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	64.4%	d5-Phenol	60.0%
2-Fluorophenol	77.9%	d4-2-Chlorophenol	67.7%
d4-1,2-Dichlorobenzene	59.6%	d5-Nitrobenzene	66.8%
2,4,6-Tribromophenol	104%	d14-p-Terphenyl	61.2%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS
Page 1 of 1

Sample ID: LDW-SS311-010
SAMPLE

Lab Sample ID: JZ53S
LIMS ID: 06-18602
Matrix: Sediment
Data Release Authorized: *VTS*
Reported: 11/07/06

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/17/06
Date Analyzed: 11/03/06 22:07
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes
Silica Gel Cleanup: No

Sample Amount: 32.3 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 69.1%
pH: 7.2

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.2	160
106-46-7	1,4-Dichlorobenzene	6.2	< 6.2 U
120-82-1	1,2,4-Trichlorobenzene	6.2	< 6.2 U
118-74-1	Hexachlorobenzene	6.2	< 6.2 U
87-68-3	Hexachlorobutadiene	6.2	< 6.2 U
131-11-3	Dimethylphthalate	6.2	6.2
85-68-7	Butylbenzylphthalate	6.2	9.3
95-48-7	2-Methylphenol	6.2	< 6.2 U
105-67-9	2,4-Dimethylphenol	6.2	20
86-30-6	N-Nitrosodiphenylamine	12	< 12 Y
100-51-6	Benzyl Alcohol	74	< 74 Y
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.2	< 6.2 U
621-64-7	N-Nitroso-Di-N-Propylamine	31	< 31 U
62-75-9	N-Nitrosodimethylamine	31	< 31 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	62.0%	d5-Phenol	62.4%
2-Fluorophenol	89.3%	d4-2-Chlorophenol	64.5%
d4-1,2-Dichlorobenzene	56.4%	d5-Nitrobenzene	66.0%
2,4,6-Tribromophenol	106%	d14-p-Terphenyl	52.8%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SS312-010

Page 1 of 1

SAMPLE

Lab Sample ID: JZ53T

QC Report No: JZ53-Windward Environmental, LLC

LIMS ID: 06-18603

Project: LDW RI-Surface Sediment Chemistry

Matrix: Sediment

Event: 04-08-06-24

Data Release Authorized: **VTS**

Date Sampled: 10/03/06

Reported: 11/07/06

Date Received: 10/03/06

Date Extracted: 10/17/06

Sample Amount: 32.4 g-dry-wt

Date Analyzed: 11/03/06 23:43

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 65.6%

Silica Gel Cleanup: No

pH: 7.3

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.2	320
106-46-7	1,4-Dichlorobenzene	6.2	< 6.2 U
120-82-1	1,2,4-Trichlorobenzene	6.2	< 6.2 U
118-74-1	Hexachlorobenzene	6.2	< 6.2 U
87-68-3	Hexachlorobutadiene	6.2	< 6.2 U
131-11-3	Dimethylphthalate	6.2	< 6.2 U
85-68-7	Butylbenzylphthalate	6.2	34
95-48-7	2-Methylphenol	6.2	14
105-67-9	2,4-Dimethylphenol	6.2	17
86-30-6	N-Nitrosodiphenylamine	6.2	< 6.2 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.2	< 6.2 U
621-64-7	N-Nitroso-Di-N-Propylamine	31	< 31 U
62-75-9	N-Nitrosodimethylamine	31	< 31 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	70.0%	d5-Phenol	56.3%
2-Fluorophenol	79.5%	d4-2-Chlorophenol	63.5%
d4-1,2-Dichlorobenzene	58.8%	d5-Nitrobenzene	74.0%
2,4,6-Tribromophenol	87.5%	d14-p-Terphenyl	60.0%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS
Page 1 of 1

Sample ID: LDW-SS313-010
SAMPLE

Lab Sample ID: KA18B
LIMS ID: 06-18968
Matrix: Sediment
Data Release Authorized: **VTS**
Reported: 11/07/06

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
Event: 04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Date Extracted: 10/18/06
Date Analyzed: 10/27/06 20:56
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes
Silica Gel Cleanup: No

Sample Amount: 32.5 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 54.3%
pH: 6.8

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.2	17
106-46-7	1,4-Dichlorobenzene	6.2	< 6.2 U
120-82-1	1,2,4-Trichlorobenzene	6.2	< 6.2 U
118-74-1	Hexachlorobenzene	6.2	< 6.2 U
87-68-3	Hexachlorobutadiene	6.2	< 6.2 U
131-11-3	Dimethylphthalate	6.2	< 6.2 U
85-68-7	Butylbenzylphthalate	6.2	6.2
95-48-7	2-Methylphenol	6.2	< 6.2 U
105-67-9	2,4-Dimethylphenol	6.2	< 6.2 U
86-30-6	N-Nitrosodiphenylamine	6.2	< 6.2 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.2	< 6.2 U
621-64-7	N-Nitroso-Di-N-Propylamine	31	< 31 U
62-75-9	N-Nitrosodimethylamine	31	< 31 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	44.8%	d5-Phenol	65.1%
2-Fluorophenol	63.7%	d4-2-Chlorophenol	74.7%
d4-1,2-Dichlorobenzene	55.2%	d5-Nitrobenzene	49.2%
2,4,6-Tribromophenol	53.6%	d14-p-Terphenyl	48.4%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS
Page 1 of 1

Sample ID: LDW-SS314-010
SAMPLE

Lab Sample ID: KA18C
LIMS ID: 06-18969
Matrix: Sediment
Data Release Authorized: **VTS**
Reported: 11/07/06

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
Event: 04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Date Extracted: 10/18/06
Date Analyzed: 10/27/06 21:28
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes
Silica Gel Cleanup: No

Sample Amount: 32.2 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 49.0%
pH: 6.7

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.2	8.1
106-46-7	1,4-Dichlorobenzene	6.2	< 6.2 U
120-82-1	1,2,4-Trichlorobenzene	6.2	< 6.2 U
118-74-1	Hexachlorobenzene	6.2	< 6.2 U
87-68-3	Hexachlorobutadiene	6.2	< 6.2 U
131-11-3	Dimethylphthalate	6.2	< 6.2 U
85-68-7	Butylbenzylphthalate	6.2	6.2
95-48-7	2-Methylphenol	6.2	< 6.2 U
105-67-9	2,4-Dimethylphenol	6.2	< 6.2 U
86-30-6	N-Nitrosodiphenylamine	6.2	< 6.2 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.2	< 6.2 U
621-64-7	N-Nitroso-Di-N-Propylamine	31	< 31 U
62-75-9	N-Nitrosodimethylamine	31	< 31 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	39.9%	d5-Phenol	57.1%
2-Fluorophenol	56.8%	d4-2-Chlorophenol	65.6%
d4-1,2-Dichlorobenzene	50.0%	d5-Nitrobenzene	46.4%
2,4,6-Tribromophenol	48.5%	d14-p-Terphenyl	46.0%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS
Page 1 of 1

Sample ID: LDW-SS315-010
SAMPLE

Lab Sample ID: KA18M
LIMS ID: 06-18979
Matrix: Sediment
Data Release Authorized: *VTS*
Reported: 11/07/06

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
Event: 04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Date Extracted: 10/18/06
Date Analyzed: 11/01/06 16:26
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes
Silica Gel Cleanup: No

Sample Amount: 32.7 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 50.3%
pH: 8.1

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.1	16
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
131-11-3	Dimethylphthalate	6.1	< 6.1 U
85-68-7	Butylbenzylphthalate	6.1	11
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	31	< 31 Y
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U
621-64-7	N-Nitroso-Di-N-Propylamine	31	< 31 U
62-75-9	N-Nitrosodimethylamine	31	< 31 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	60.4%	d5-Phenol	64.0%
2-Fluorophenol	85.9%	d4-2-Chlorophenol	82.7%
d4-1,2-Dichlorobenzene	61.2%	d5-Nitrobenzene	62.4%
2,4,6-Tribromophenol	71.5%	d14-p-Terphenyl	36.2%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS
Page 1 of 1

Sample ID: LDW-SS316-010
SAMPLE

Lab Sample ID: KA18L
LIMS ID: 06-18978
Matrix: Sediment
Data Release Authorized: VTS
Reported: 11/07/06

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
Event: 04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Date Extracted: 10/18/06
Date Analyzed: 10/28/06 02:14
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes
Silica Gel Cleanup: No

Sample Amount: 32.4 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 31.4%
pH: 7.5

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.2	26
106-46-7	1,4-Dichlorobenzene	6.2	< 6.2 U
120-82-1	1,2,4-Trichlorobenzene	6.2	< 6.2 U
118-74-1	Hexachlorobenzene	6.2	< 6.2 U
87-68-3	Hexachlorobutadiene	6.2	< 6.2 U
131-11-3	Dimethylphthalate	6.2	< 6.2 U
85-68-7	Butylbenzylphthalate	6.2	17
95-48-7	2-Methylphenol	6.2	< 6.2 U
105-67-9	2,4-Dimethylphenol	6.2	< 6.2 U
86-30-6	N-Nitrosodiphenylamine	6.2	< 6.2 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.2	< 6.2 U
621-64-7	N-Nitroso-Di-N-Propylamine	31	< 31 U
62-75-9	N-Nitrosodimethylamine	31	< 31 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	39.2%	d5-Phenol	53.9%
2-Fluorophenol	61.9%	d4-2-Chlorophenol	65.1%
d4-1,2-Dichlorobenzene	59.2%	d5-Nitrobenzene	40.4%
2,4,6-Tribromophenol	48.5%	d14-p-Terphenyl	48.4%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SS317-010

Page 1 of 1

SAMPLE

Lab Sample ID: KA18K

QC Report No: KA18-Windward Environmental, LLC

LIMS ID: 06-18977

Project: LDW RI-Round 3 Surface Sediment

Matrix: Sediment

Event: 04-08-06-24

Data Release Authorized: **VTS**

Date Sampled: 10/04/06

Reported: 11/07/06

Date Received: 10/04/06

Date Extracted: 10/18/06

Sample Amount: 32.3 g-dry-wt

Date Analyzed: 10/28/06 01:42

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 41.6%

Silica Gel Cleanup: No

pH: 7.6

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.2	39
106-46-7	1,4-Dichlorobenzene	6.2	< 6.2 U
120-82-1	1,2,4-Trichlorobenzene	6.2	< 6.2 U
118-74-1	Hexachlorobenzene	6.2	< 6.2 U
87-68-3	Hexachlorobutadiene	6.2	< 6.2 U
131-11-3	Dimethylphthalate	6.2	8.0
85-68-7	Butylbenzylphthalate	6.2	36
95-48-7	2-Methylphenol	6.2	< 6.2 U
105-67-9	2,4-Dimethylphenol	6.2	< 6.2 U
86-30-6	N-Nitrosodiphenylamine	6.2	< 6.2 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.2	< 6.2 U
621-64-7	N-Nitroso-Di-N-Propylamine	31	< 31 U
62-75-9	N-Nitrosodimethylamine	31	< 31 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	38.4%	d5-Phenol	54.7%
2-Fluorophenol	68.8%	d4-2-Chlorophenol	65.6%
d4-1,2-Dichlorobenzene	54.0%	d5-Nitrobenzene	38.4%
2,4,6-Tribromophenol	49.3%	d14-p-Terphenyl	41.6%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS
Page 1 of 1

Sample ID: LDW-SS318-010
SAMPLE

Lab Sample ID: KA18J
LIMS ID: 06-18976
Matrix: Sediment
Data Release Authorized: *VTS*
Reported: 11/07/06

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
Event: 04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Date Extracted: 10/18/06
Date Analyzed: 10/28/06 01:10
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes
Silica Gel Cleanup: No

Sample Amount: 32.8 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 36.3%
pH: 7.5

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.1	30
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
131-11-3	Dimethylphthalate	6.1	< 6.1 U
85-68-7	Butylbenzylphthalate	6.1	24
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U
621-64-7	N-Nitroso-Di-N-Propylamine	30	< 30 U
62-75-9	N-Nitrosodimethylamine	30	< 30 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	43.2%	d5-Phenol	58.7%
2-Fluorophenol	84.3%	d4-2-Chlorophenol	70.9%
d4-1,2-Dichlorobenzene	63.6%	d5-Nitrobenzene	51.2%
2,4,6-Tribromophenol	53.1%	d14-p-Terphenyl	54.0%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SS319-010

Page 1 of 1

SAMPLE

Lab Sample ID: KA18G

QC Report No: KA18-Windward Environmental, LLC

LIMS ID: 06-18973

Project: LDW RI-Round 3 Surface Sediment

Matrix: Sediment

Event: 04-08-06-24

Data Release Authorized: **VTS**

Date Sampled: 10/04/06

Reported: 11/07/06

Date Received: 10/04/06

Date Extracted: 10/18/06

Sample Amount: 32.8 g-dry-wt

Date Analyzed: 10/27/06 23:35

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 55.6%

Silica Gel Cleanup: No

pH: 7.5

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.1	49
106-46-7	1,4-Dichlorobenzene	6.1	7.3
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
131-11-3	Dimethylphthalate	6.1	7.9
85-68-7	Butylbenzylphthalate	6.1	48
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U
621-64-7	N-Nitroso-Di-N-Propylamine	30	< 30 U
62-75-9	N-Nitrosodimethylamine	30	< 30 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	38.8%	d5-Phenol	54.9%
2-Fluorophenol	56.8%	d4-2-Chlorophenol	64.3%
d4-1,2-Dichlorobenzene	56.4%	d5-Nitrobenzene	43.6%
2,4,6-Tribromophenol	49.3%	d14-p-Terphenyl	45.2%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SS320-010

Page 1 of 1

SAMPLE

Lab Sample ID: KA18F

QC Report No: KA18-Windward Environmental, LLC

LIMS ID: 06-18972

Project: LDW RI-Round 3 Surface Sediment

Matrix: Sediment

Event: 04-08-06-24

Data Release Authorized: **VTS**

Date Sampled: 10/04/06

Reported: 11/07/06

Date Received: 10/04/06

Date Extracted: 10/18/06

Sample Amount: 32.4 g-dry-wt

Date Analyzed: 10/27/06 23:03

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 54.9%

Silica Gel Cleanup: No

pH: 7.5

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.2	56
106-46-7	1,4-Dichlorobenzene	6.2	8.0
120-82-1	1,2,4-Trichlorobenzene	6.2	< 6.2 U
118-74-1	Hexachlorobenzene	6.2	< 6.2 U
87-68-3	Hexachlorobutadiene	6.2	< 6.2 U
131-11-3	Dimethylphthalate	6.2	9.3
85-68-7	Butylbenzylphthalate	6.2	50
95-48-7	2-Methylphenol	6.2	< 6.2 U
105-67-9	2,4-Dimethylphenol	6.2	< 6.2 U
86-30-6	N-Nitrosodiphenylamine	6.2	< 6.2 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.2	< 6.2 U
621-64-7	N-Nitroso-Di-N-Propylamine	31	< 31 U
62-75-9	N-Nitrosodimethylamine	31	< 31 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	41.6%	d5-Phenol	57.9%
2-Fluorophenol	84.8%	d4-2-Chlorophenol	68.8%
d4-1,2-Dichlorobenzene	60.4%	d5-Nitrobenzene	41.2%
2,4,6-Tribromophenol	52.8%	d14-p-Terphenyl	47.6%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS
Page 1 of 1

Sample ID: LDW-SS321-010
SAMPLE

Lab Sample ID: KA18I
LIMS ID: 06-18975
Matrix: Sediment
Data Release Authorized: *VTS*
Reported: 11/07/06

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
Event: 04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Date Extracted: 10/18/06
Date Analyzed: 11/03/06 17:50
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes
Silica Gel Cleanup: No

Sample Amount: 32.5 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 32.7%
pH: 7.9

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.2	39
106-46-7	1,4-Dichlorobenzene	6.2	< 6.2 U
120-82-1	1,2,4-Trichlorobenzene	6.2	< 6.2 U
118-74-1	Hexachlorobenzene	6.2	< 6.2 U
87-68-3	Hexachlorobutadiene	6.2	< 6.2 U
131-11-3	Dimethylphthalate	6.2	25
85-68-7	Butylbenzylphthalate	6.2	21
95-48-7	2-Methylphenol	6.2	< 6.2 U
105-67-9	2,4-Dimethylphenol	6.2	< 6.2 U
86-30-6	N-Nitrosodiphenylamine	6.2	< 6.2 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.2	< 6.2 U
621-64-7	N-Nitroso-Di-N-Propylamine	31	< 31 U
62-75-9	N-Nitrosodimethylamine	31	< 31 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	64.8%	d5-Phenol	60.5%
2-Fluorophenol	82.7%	d4-2-Chlorophenol	72.5%
d4-1,2-Dichlorobenzene	63.6%	d5-Nitrobenzene	60.8%
2,4,6-Tribromophenol	82.1%	d14-p-Terphenyl	55.6%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS
Page 1 of 1

Sample ID: LDW-SS322-010
SAMPLE

Lab Sample ID: KA18D
LIMS ID: 06-18970
Matrix: Sediment
Data Release Authorized:
Reported: 11/07/06

VTS

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
Event: 04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Date Extracted: 10/18/06
Date Analyzed: 10/27/06 21:59
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes
Silica Gel Cleanup: No

Sample Amount: 32.2 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 51.4%
pH: 7.3

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.2	51
106-46-7	1,4-Dichlorobenzene	6.2	6.2
120-82-1	1,2,4-Trichlorobenzene	6.2	< 6.2 U
118-74-1	Hexachlorobenzene	6.2	< 6.2 U
87-68-3	Hexachlorobutadiene	6.2	< 6.2 U
131-11-3	Dimethylphthalate	6.2	8.7
85-68-7	Butylbenzylphthalate	6.2	38
95-48-7	2-Methylphenol	6.2	< 6.2 U
105-67-9	2,4-Dimethylphenol	6.2	< 6.2 U
86-30-6	N-Nitrosodiphenylamine	6.2	< 6.2 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.2	< 6.2 U
621-64-7	N-Nitroso-Di-N-Propylamine	31	< 31 U
62-75-9	N-Nitrosodimethylamine	31	< 31 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	42.0%	d5-Phenol	60.5%
2-Fluorophenol	65.1%	d4-2-Chlorophenol	88.0%
d4-1,2-Dichlorobenzene	59.6%	d5-Nitrobenzene	44.8%
2,4,6-Tribromophenol	52.0%	d14-p-Terphenyl	46.0%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS
Page 1 of 1

Sample ID: LDW-SS323-010
SAMPLE

Lab Sample ID: KA18E
LIMS ID: 06-18971
Matrix: Sediment
Data Release Authorized: *VTS*
Reported: 11/07/06

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
Event: 04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Date Extracted: 10/18/06
Date Analyzed: 10/27/06 22:31
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes
Silica Gel Cleanup: No

Sample Amount: 32.9 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 44.9%
pH: 7.5

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.1	16
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
131-11-3	Dimethylphthalate	6.1	7.3
85-68-7	Butylbenzylphthalate	6.1	27
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U
621-64-7	N-Nitroso-Di-N-Propylamine	30	< 30 U
62-75-9	N-Nitrosodimethylamine	30	< 30 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	40.4%	d5-Phenol	54.0%
2-Fluorophenol	78.5%	d4-2-Chlorophenol	67.5%
d4-1,2-Dichlorobenzene	67.4%	d5-Nitrobenzene	32.8%
2,4,6-Tribromophenol	54.0%	d14-p-Terphenyl	49.6%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SS324-010

Page 1 of 1

SAMPLE

Lab Sample ID: KA18H

QC Report No: KA18-Windward Environmental, LLC

LIMS ID: 06-18974

Project: LDW RI-Round 3 Surface Sediment

Matrix: Sediment

Event: 04-08-06-24

Data Release Authorized: **VTS**

Date Sampled: 10/04/06

Reported: 11/07/06

Date Received: 10/04/06

Date Extracted: 10/18/06

Sample Amount: 32.4 g-dry-wt

Date Analyzed: 10/28/06 00:07

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 39.0%

Silica Gel Cleanup: No

pH: 7.5

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.2	7.4
106-46-7	1,4-Dichlorobenzene	6.2	< 6.2 U
120-82-1	1,2,4-Trichlorobenzene	6.2	< 6.2 U
118-74-1	Hexachlorobenzene	6.2	< 6.2 U
87-68-3	Hexachlorobutadiene	6.2	< 6.2 U
131-11-3	Dimethylphthalate	6.2	< 6.2 U
85-68-7	Butylbenzylphthalate	6.2	14
95-48-7	2-Methylphenol	6.2	< 6.2 U
105-67-9	2,4-Dimethylphenol	6.2	< 6.2 U
86-30-6	N-Nitrosodiphenylamine	6.2	< 6.2 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.2	< 6.2 U
621-64-7	N-Nitroso-Di-N-Propylamine	31	< 31 U
62-75-9	N-Nitrosodimethylamine	31	< 31 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	44.4%	d5-Phenol	65.9%
2-Fluorophenol	75.5%	d4-2-Chlorophenol	79.7%
d4-1,2-Dichlorobenzene	65.2%	d5-Nitrobenzene	52.4%
2,4,6-Tribromophenol	56.8%	d14-p-Terphenyl	50.4%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS
Page 1 of 1

Sample ID: LDW-SS325-010
SAMPLE

Lab Sample ID: KA18P
LIMS ID: 06-18982
Matrix: Sediment
Data Release Authorized: *VTS*
Reported: 11/07/06

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
Event: 04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Date Extracted: 10/18/06
Date Analyzed: 11/01/06 17:31
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes
Silica Gel Cleanup: No

Sample Amount: 32.5 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 45.4%
pH: 7.5

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.2	38
106-46-7	1,4-Dichlorobenzene	6.2	< 6.2 U
120-82-1	1,2,4-Trichlorobenzene	6.2	< 6.2 U
118-74-1	Hexachlorobenzene	6.2	< 6.2 U
87-68-3	Hexachlorobutadiene	6.2	< 6.2 U
131-11-3	Dimethylphthalate	6.2	6.2
85-68-7	Butylbenzylphthalate	6.2	30
95-48-7	2-Methylphenol	6.2	< 6.2 U
105-67-9	2,4-Dimethylphenol	6.2	< 6.2 U
86-30-6	N-Nitrosodiphenylamine	6.2	< 6.2 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.2	< 6.2 U
621-64-7	N-Nitroso-Di-N-Propylamine	31	< 31 U
62-75-9	N-Nitrosodimethylamine	31	< 31 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	39.5%	d5-Phenol	68.0%
2-Fluorophenol	104%	d4-2-Chlorophenol	80.3%
d4-1,2-Dichlorobenzene	61.2%	d5-Nitrobenzene	60.0%
2,4,6-Tribromophenol	45.6%	d14-p-Terphenyl	40.0%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS
Page 1 of 1

Sample ID: LDW-SS326-010
SAMPLE

Lab Sample ID: KA18Q
LIMS ID: 06-18983
Matrix: Sediment
Data Release Authorized: VTS
Reported: 11/07/06

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
Event: 04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Date Extracted: 10/18/06
Date Analyzed: 11/01/06 18:03
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes
Silica Gel Cleanup: No

Sample Amount: 32.7 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 53.2%
pH: 7.5

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.1	37
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
131-11-3	Dimethylphthalate	6.1	8.6
85-68-7	Butylbenzylphthalate	6.1	33
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.7	< 6.7 Y
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U
621-64-7	N-Nitroso-Di-N-Propylamine	49	< 49 Y
62-75-9	N-Nitrosodimethylamine	31	< 31 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	53.2%	d5-Phenol	63.2%
2-Fluorophenol	90.4%	d4-2-Chlorophenol	73.3%
d4-1,2-Dichlorobenzene	56.0%	d5-Nitrobenzene	54.4%
2,4,6-Tribromophenol	59.7%	d14-p-Terphenyl	41.2%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS
Page 1 of 1

Sample ID: LDW-SS327-010
SAMPLE

Lab Sample ID: JZ15B
LIMS ID: 06-18342
Matrix: Sediment
Data Release Authorized:
Reported: 10/31/06

QC Report No: JZ15-Windward Environmental, LLC
Project: LDW R1-R3 Surface Sediment
Event: 04-08-06-24
Date Sampled: 10/02/06
Date Received: 10/02/06

Date Extracted: 10/16/06
Date Analyzed: 10/26/06 17:14
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes
Silica Gel Cleanup: No

Sample Amount: 32.5 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 42.2%
pH: 7.5

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.2	31
106-46-7	1,4-Dichlorobenzene	6.2	< 6.2 U
120-82-1	1,2,4-Trichlorobenzene	6.2	< 6.2 U
118-74-1	Hexachlorobenzene	6.2	< 6.2 U
87-68-3	Hexachlorobutadiene	6.2	< 6.2 U
131-11-3	Dimethylphthalate	6.2	< 6.2 U
85-68-7	Butylbenzylphthalate	6.2	18
95-48-7	2-Methylphenol	6.2	< 6.2 U
105-67-9	2,4-Dimethylphenol	6.2	< 6.2 U
86-30-6	N-Nitrosodiphenylamine	6.2	< 6.2 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.2	< 6.2 U
621-64-7	N-Nitroso-Di-N-Propylamine	31	< 31 U
62-75-9	N-Nitrosodimethylamine	31	< 31 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	56.4%	d5-Phenol	69.9%
2-Fluorophenol	80.3%	d4-2-Chlorophenol	102%
d4-1,2-Dichlorobenzene	75.2%	d5-Nitrobenzene	32.8%
2,4,6-Tribromophenol	72.3%	d14-p-Terphenyl	55.2%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SS328-010

Page 1 of 1

SAMPLE

Lab Sample ID: JZ15C

QC Report No: JZ15-Windward Environmental, LLC

LIMS ID: 06-18343

Project: LDW R1-R3 Surface Sediment

Matrix: Sediment

Event: 04-08-06-24

Data Release Authorized:

Date Sampled: 10/02/06

Reported: 10/31/06

Date Received: 10/02/06

Date Extracted: 10/16/06

Sample Amount: 32.4 g-dry-wt

Date Analyzed: 10/26/06 17:46

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 44.6%

Silica Gel Cleanup: No

pH: 7.0

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.2	< 6.2 U
106-46-7	1,4-Dichlorobenzene	6.2	< 6.2 U
120-82-1	1,2,4-Trichlorobenzene	6.2	< 6.2 U
118-74-1	Hexachlorobenzene	6.2	< 6.2 U
87-68-3	Hexachlorobutadiene	6.2	< 6.2 U
131-11-3	Dimethylphthalate	6.2	< 6.2 U
85-68-7	Butylbenzylphthalate	6.2	6.2
95-48-7	2-Methylphenol	6.2	< 6.2 U
105-67-9	2,4-Dimethylphenol	6.2	< 6.2 U
86-30-6	N-Nitrosodiphenylamine	6.2	< 6.2 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.2	< 6.2 U
621-64-7	N-Nitroso-Di-N-Propylamine	31	< 31 U
62-75-9	N-Nitrosodimethylamine	31	< 31 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	54.4%	d5-Phenol	67.2%
2-Fluorophenol	100%	d4-2-Chlorophenol	84.3%
d4-1,2-Dichlorobenzene	66.4%	d5-Nitrobenzene	30.0%
2,4,6-Tribromophenol	72.8%	d14-p-Terphenyl	55.6%



ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS
Page 1 of 1

Sample ID: LDW-SS329-010
SAMPLE

Lab Sample ID: JZ15D
LIMS ID: 06-18344
Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/09/07

QC Report No: JZ15-Windward Environmental, LLC
Project: LDW R1-R3 Surface Sediment
Event: 04-08-06-24
Date Sampled: 10/02/06
Date Received: 10/02/06

Date Extracted: 10/16/06
Date Analyzed: 10/26/06 18:18
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes
Silica Gel Cleanup: No

Sample Amount: 32.5 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 29.7%
pH: 7.6

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.2	13
106-46-7	1,4-Dichlorobenzene	6.2	< 6.2 U
120-82-1	1,2,4-Trichlorobenzene	6.2	< 6.2 U
118-74-1	Hexachlorobenzene	6.2	< 3.1 UJ
87-68-3	Hexachlorobutadiene	6.2	< 6.2 U
131-11-3	Dimethylphthalate	6.2	6.2
85-68-7	Butylbenzylphthalate	6.2	12
95-48-7	2-Methylphenol	6.2	< 6.2 U
105-67-9	2,4-Dimethylphenol	6.2	< 6.2 U
86-30-6	N-Nitrosodiphenylamine	6.2	< 6.2 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.2	< 6.2 U
621-64-7	N-Nitroso-Di-N-Propylamine	31	< 31 U
62-75-9	N-Nitrosodimethylamine	31	< 31 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	63.2%	d5-Phenol	73.3%
2-Fluorophenol	105%	d4-2-Chlorophenol	93.9%
d4-1,2-Dichlorobenzene	74.8%	d5-Nitrobenzene	33.1%
2,4,6-Tribromophenol	82.7%	d14-p-Terphenyl	62.0%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SS401-010

Page 1 of 1

SAMPLE

Lab Sample ID: JZ15E

QC Report No: JZ15-Windward Environmental, LLC

LIMS ID: 06-18345

Project: LDW R1-R3 Surface Sediment

Matrix: Sediment

Event: 04-08-06-24

Data Release Authorized:

Date Sampled: 10/02/06

Reported: 10/31/06

Date Received: 10/02/06

Date Extracted: 10/16/06

Sample Amount: 32.5 g-dry-wt

Date Analyzed: 10/26/06 18:50

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 27.9%

Silica Gel Cleanup: No

pH: 7.6

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.2	9.2
106-46-7	1,4-Dichlorobenzene	6.2	< 6.2 U
120-82-1	1,2,4-Trichlorobenzene	6.2	< 6.2 U
118-74-1	Hexachlorobenzene	6.2	< 6.2 U
87-68-3	Hexachlorobutadiene	6.2	< 6.2 U
131-11-3	Dimethylphthalate	6.2	< 6.2 U
85-68-7	Butylbenzylphthalate	6.2	12
95-48-7	2-Methylphenol	6.2	< 6.2 U
105-67-9	2,4-Dimethylphenol	6.2	< 6.2 U
86-30-6	N-Nitrosodiphenylamine	6.2	< 6.2 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.2	< 6.2 U
621-64-7	N-Nitroso-Di-N-Propylamine	31	< 31 U
62-75-9	N-Nitrosodimethylamine	31	< 31 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	60.0%	d5-Phenol	67.5%
2-Fluorophenol	102%	d4-2-Chlorophenol	84.3%
d4-1,2-Dichlorobenzene	68.8%	d5-Nitrobenzene	32.3%
2,4,6-Tribromophenol	78.4%	d14-p-Terphenyl	57.2%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS
Page 1 of 1

Sample ID: LDW-SS330-010
SAMPLE

Lab Sample ID: JZ15A
LIMS ID: 06-18341
Matrix: Sediment
Data Release Authorized:
Reported: 10/31/06

QC Report No: JZ15-Windward Environmental, LLC
Project: LDW R1-R3 Surface Sediment
Event: 04-08-06-24
Date Sampled: 10/02/06
Date Received: 10/02/06

Date Extracted: 10/16/06
Date Analyzed: 10/26/06 16:42
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes
Silica Gel Cleanup: No

Sample Amount: 32.4 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 58.7%
pH: 7.4

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.2	110
106-46-7	1,4-Dichlorobenzene	6.2	< 6.2 U
120-82-1	1,2,4-Trichlorobenzene	6.2	< 6.2 U
118-74-1	Hexachlorobenzene	6.2	< 6.2 U
87-68-3	Hexachlorobutadiene	6.2	< 6.2 U
131-11-3	Dimethylphthalate	6.2	16
85-68-7	Butylbenzylphthalate	6.2	44
95-48-7	2-Methylphenol	6.2	< 6.2 U
105-67-9	2,4-Dimethylphenol	6.2	< 6.2 U
86-30-6	N-Nitrosodiphenylamine	6.2	< 6.2 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.2	< 6.2 U
621-64-7	N-Nitroso-Di-N-Propylamine	31	< 31 U
62-75-9	N-Nitrosodimethylamine	31	< 31 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	61.2%	d5-Phenol	60.5%
2-Fluorophenol	69.9%	d4-2-Chlorophenol	73.3%
d4-1,2-Dichlorobenzene	62.4%	d5-Nitrobenzene	28.2%
2,4,6-Tribromophenol	74.9%	d14-p-Terphenyl	49.2%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SS331-010

Page 1 of 1

SAMPLE

Lab Sample ID: JZ15F

QC Report No: JZ15-Windward Environmental, LLC

LIMS ID: 06-18346

Project: LDW R1-R3 Surface Sediment

Matrix: Sediment

Event: 04-08-06-24

Data Release Authorized: *AB*

Date Sampled: 10/02/06

Reported: 02/09/07

Date Received: 10/02/06

Date Extracted: 10/16/06

Sample Amount: 32.7 g-dry-wt

Date Analyzed: 10/26/06 19:22

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 47.2%

Silica Gel Cleanup: No

pH: 7.4

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.1	10
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 3.1 UJ
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
131-11-3	Dimethylphthalate	6.1	< 6.1 U
85-68-7	Butylbenzylphthalate	6.1	24
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U
621-64-7	N-Nitroso-Di-N-Propylamine	31	< 31 U
62-75-9	N-Nitrosodimethylamine	31	< 31 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	48.4%	d5-Phenol	66.9%
2-Fluorophenol	69.6%	d4-2-Chlorophenol	81.9%
d4-1,2-Dichlorobenzene	68.0%	d5-Nitrobenzene	31.3%
2,4,6-Tribromophenol	61.3%	d14-p-Terphenyl	45.2%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS
Page 1 of 1

Sample ID: LDW-SS332-010
SAMPLE

Lab Sample ID: JZ15G
LIMS ID: 06-18347
Matrix: Sediment
Data Release Authorized:
Reported: 02/09/07

QC Report No: JZ15-Windward Environmental, LLC
Project: LDW R1-R3 Surface Sediment
Event: 04-08-06-24
Date Sampled: 10/02/06
Date Received: 10/02/06

Date Extracted: 10/16/06
Date Analyzed: 10/26/06 19:54
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes
Silica Gel Cleanup: No

Sample Amount: 32.6 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 33.0%
pH: 7.1

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.1	8.6
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 3.1 UJ
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
131-11-3	Dimethylphthalate	6.1	< 6.1 U
85-68-7	Butylbenzylphthalate	6.1	8.6
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U
621-64-7	N-Nitroso-Di-N-Propylamine	31	< 31 U
62-75-9	N-Nitrosodimethylamine	31	< 31 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	51.6%	d5-Phenol	60.5%
2-Fluorophenol	94.1%	d4-2-Chlorophenol	91.2%
d4-1,2-Dichlorobenzene	64.8%	d5-Nitrobenzene	27.9%
2,4,6-Tribromophenol	64.5%	d14-p-Terphenyl	53.2%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SS333-010

Page 1 of 1

SAMPLE

Lab Sample ID: JZ151


QC Report No: JZ15-Windward Environmental, LLC

LIMS ID: 06-18349

Project: LDW R1-R3 Surface Sediment

Matrix: Sediment

Event: 04-08-06-24

Data Release Authorized: 

Date Sampled: 10/02/06

Reported: 10/31/06

Date Received: 10/02/06

Date Extracted: 10/16/06

Sample Amount: 32.1 g-dry-wt

Date Analyzed: 10/26/06 20:58

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 35.9%

Silica Gel Cleanup: No

pH: 7.3

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.2	15
106-46-7	1,4-Dichlorobenzene	6.2	< 6.2 U
120-82-1	1,2,4-Trichlorobenzene	6.2	< 6.2 U
118-74-1	Hexachlorobenzene	6.2	< 6.2 U
87-68-3	Hexachlorobutadiene	6.2	< 6.2 U
131-11-3	Dimethylphthalate	6.2	< 6.2 U
85-68-7	Butylbenzylphthalate	6.2	16
95-48-7	2-Methylphenol	6.2	< 6.2 U
105-67-9	2,4-Dimethylphenol	6.2	< 6.2 U
86-30-6	N-Nitrosodiphenylamine	6.2	< 6.2 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.2	< 6.2 U
621-64-7	N-Nitroso-Di-N-Propylamine	31	< 31 U
62-75-9	N-Nitrosodimethylamine	31	< 31 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	56.0%	d5-Phenol	68.5%
2-Fluorophenol	80.3%	d4-2-Chlorophenol	95.5%
d4-1,2-Dichlorobenzene	69.6%	d5-Nitrobenzene	32.3%
2,4,6-Tribromophenol	72.8%	d14-p-Terphenyl	60.0%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS
Page 1 of 1

Sample ID: LDW-SS334-010
SAMPLE

Lab Sample ID: JZ15H
LIMS ID: 06-18348
Matrix: Sediment
Data Release Authorized:
Reported: 02/09/07

QC Report No: JZ15-Windward Environmental, LLC
Project: LDW R1-R3 Surface Sediment
Event: 04-08-06-24
Date Sampled: 10/02/06
Date Received: 10/02/06

Date Extracted: 10/16/06
Date Analyzed: 10/26/06 20:26
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes
Silica Gel Cleanup: No

Sample Amount: 32.4 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 21.4%
pH: 7.5

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.2	< 6.2 U
106-46-7	1,4-Dichlorobenzene	6.2	< 6.2 U
120-82-1	1,2,4-Trichlorobenzene	6.2	< 6.2 U
118-74-1	Hexachlorobenzene	6.2	< 3.1 UJ
87-68-3	Hexachlorobutadiene	6.2	< 6.2 U
131-11-3	Dimethylphthalate	6.2	< 6.2 U
85-68-7	Butylbenzylphthalate	6.2	< 6.2 U
95-48-7	2-Methylphenol	6.2	< 6.2 U
105-67-9	2,4-Dimethylphenol	6.2	< 6.2 U
86-30-6	N-Nitrosodiphenylamine	6.2	< 6.2 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.2	< 6.2 U
621-64-7	N-Nitroso-Di-N-Propylamine	31	< 31 U
62-75-9	N-Nitrosodimethylamine	31	< 31 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	62.8%	d5-Phenol	70.4%
2-Fluorophenol	83.5%	d4-2-Chlorophenol	88.5%
d4-1,2-Dichlorobenzene	72.4%	d5-Nitrobenzene	36.1%
2,4,6-Tribromophenol	78.4%	d14-p-Terphenyl	65.2%



ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS
Page 1 of 1

Sample ID: LDW-SS335-010
SAMPLE

Lab Sample ID: KA18A
LIMS ID: 06-18967
Matrix: Sediment
Data Release Authorized: **VTS**
Reported: 11/07/06

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
Event: 04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Date Extracted: 10/18/06
Date Analyzed: 10/27/06 20:24
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes
Silica Gel Cleanup: No

Sample Amount: 18.6 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 59.6%
pH: 7.2

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	11	110
106-46-7	1,4-Dichlorobenzene	11	64
120-82-1	1,2,4-Trichlorobenzene	11	< 11 U
118-74-1	Hexachlorobenzene	11	< 11 U
87-68-3	Hexachlorobutadiene	11	< 11 U
131-11-3	Dimethylphthalate	11	33
85-68-7	Butylbenzylphthalate	11	200
95-48-7	2-Methylphenol	11	< 11 U
105-67-9	2,4-Dimethylphenol	11	< 11 U
86-30-6	N-Nitrosodiphenylamine	32	< 32 Y
100-51-6	Benzyl Alcohol	54	< 54 U
87-86-5	Pentachlorophenol	54	< 54 U
95-50-1	1,2-Dichlorobenzene	11	< 11 U
621-64-7	N-Nitroso-Di-N-Propylamine	54	< 54 U
62-75-9	N-Nitrosodimethylamine	54	< 54 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	48.4%	d5-Phenol	70.9%
2-Fluorophenol	71.2%	d4-2-Chlorophenol	80.5%
d4-1,2-Dichlorobenzene	59.6%	d5-Nitrobenzene	55.2%
2,4,6-Tribromophenol	80.0%	d14-p-Terphenyl	43.2%



ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS
Page 1 of 1

Sample ID: LDW-SS336-010
SAMPLE

Lab Sample ID: JZ53I
LIMS ID: 06-18592
Matrix: Sediment
Data Release Authorized: VTS
Reported: 11/07/06

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/17/06
Date Analyzed: 11/01/06 22:50
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes
Silica Gel Cleanup: No

Sample Amount: 32.4 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 51.8%
pH: 7.2

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.2	28
106-46-7	1,4-Dichlorobenzene	6.2	< 6.2 U
120-82-1	1,2,4-Trichlorobenzene	6.2	< 6.2 U
118-74-1	Hexachlorobenzene	6.2	< 6.2 U
87-68-3	Hexachlorobutadiene	6.2	< 6.2 U
131-11-3	Dimethylphthalate	6.2	16
85-68-7	Butylbenzylphthalate	6.2	30
95-48-7	2-Methylphenol	6.2	8.6 M
105-67-9	2,4-Dimethylphenol	6.2	< 6.2 U
86-30-6	N-Nitrosodiphenylamine	6.2	< 6.2 U
100-51-6	Benzyl Alcohol	31	540
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.2	< 6.2 U
621-64-7	N-Nitroso-Di-N-Propylamine	31	< 31 U
62-75-9	N-Nitrosodimethylamine	31	< 31 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	42.4%	d5-Phenol	60.8%
2-Fluorophenol	79.7%	d4-2-Chlorophenol	77.9%
d4-1,2-Dichlorobenzene	61.2%	d5-Nitrobenzene	41.6%
2,4,6-Tribromophenol	46.4%	d14-p-Terphenyl	46.4%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SS337-010

Page 1 of 1

SAMPLE

Lab Sample ID: JZ15J

QC Report No: JZ15-Windward Environmental, LLC

LIMS ID: 06-18350

Project: LDW R1-R3 Surface Sediment

Matrix: Sediment

Event: 04-08-06-24

Data Release Authorized: *[Signature]*

Date Sampled: 10/02/06

Reported: 10/31/06

Date Received: 10/02/06

Date Extracted: 10/16/06

Sample Amount: 32.8 g-dry-wt

Date Analyzed: 10/27/06 18:17

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 40.8%

Silica Gel Cleanup: No

pH: 7.3

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.1	6.7
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
131-11-3	Dimethylphthalate	6.1	< 6.1 U
85-68-7	Butylbenzylphthalate	6.1	20
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U
621-64-7	N-Nitroso-Di-N-Propylamine	30	< 30 U
62-75-9	N-Nitrosodimethylamine	30	< 30 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	61.6%	d5-Phenol	67.5%
2-Fluorophenol	97.1%	d4-2-Chlorophenol	84.0%
d4-1,2-Dichlorobenzene	68.4%	d5-Nitrobenzene	31.1%
2,4,6-Tribromophenol	78.9%	d14-p-Terphenyl	59.6%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SS402-010

Page 1 of 1

SAMPLE

Lab Sample ID: JZ15K

QC Report No: JZ15-Windward Environmental, LLC

LIMS ID: 06-18351

Project: LDW R1-R3 Surface Sediment

Matrix: Sediment

Event: 04-08-06-24

Data Release Authorized:

Date Sampled: 10/02/06

Reported: 10/31/06

Date Received: 10/02/06

Date Extracted: 10/16/06

Sample Amount: 32.4 g-dry-wt

Date Analyzed: 10/27/06 19:52

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 33.1%

Silica Gel Cleanup: No

pH: 7.3

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.2	6.8
106-46-7	1,4-Dichlorobenzene	6.2	< 6.2 U
120-82-1	1,2,4-Trichlorobenzene	6.2	< 6.2 U
118-74-1	Hexachlorobenzene	6.2	< 6.2 U
87-68-3	Hexachlorobutadiene	6.2	< 6.2 U
131-11-3	Dimethylphthalate	6.2	< 6.2 U
85-68-7	Butylbenzylphthalate	6.2	19
95-48-7	2-Methylphenol	6.2	< 6.2 U
105-67-9	2,4-Dimethylphenol	6.2	< 6.2 U
86-30-6	N-Nitrosodiphenylamine	6.2	< 6.2 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.2	< 6.2 U
621-64-7	N-Nitroso-Di-N-Propylamine	31	< 31 U
62-75-9	N-Nitrosodimethylamine	31	< 31 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	51.6%	d5-Phenol	64.3%
2-Fluorophenol	102%	d4-2-Chlorophenol	97.1%
d4-1,2-Dichlorobenzene	68.4%	d5-Nitrobenzene	31.8%
2,4,6-Tribromophenol	63.2%	d14-p-Terphenyl	53.6%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS
Page 1 of 1

Sample ID: LDW-SS338-010
SAMPLE

Lab Sample ID: JZ53H
LIMS ID: 06-18591
Matrix: Sediment
Data Release Authorized: **VTS**
Reported: 11/07/06

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/17/06
Date Analyzed: 11/01/06 22:18
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes
Silica Gel Cleanup: No

Sample Amount: 32.3 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 50.4%
pH: 7.1

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.2	8.0
106-46-7	1,4-Dichlorobenzene	6.2	< 6.2 U
120-82-1	1,2,4-Trichlorobenzene	6.2	< 6.2 U
118-74-1	Hexachlorobenzene	6.2	< 6.2 U
87-68-3	Hexachlorobutadiene	6.2	< 6.2 U
131-11-3	Dimethylphthalate	6.2	9.3
85-68-7	Butylbenzylphthalate	6.2	17
95-48-7	2-Methylphenol	6.2	< 6.2 U
105-67-9	2,4-Dimethylphenol	6.2	< 6.2 U
86-30-6	N-Nitrosodiphenylamine	6.2	< 6.2 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.2	< 6.2 U
621-64-7	N-Nitroso-Di-N-Propylamine	31	< 31 U
62-75-9	N-Nitrosodimethylamine	31	< 31 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	46.4%	d5-Phenol	53.3%
2-Fluorophenol	69.9%	d4-2-Chlorophenol	63.7%
d4-1,2-Dichlorobenzene	50.0%	d5-Nitrobenzene	52.4%
2,4,6-Tribromophenol	54.4%	d14-p-Terphenyl	36.2%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SS339-010

Page 1 of 1

SAMPLE

Lab Sample ID: JZ53F

QC Report No: JZ53-Windward Environmental, LLC

LIMS ID: 06-18589

Project: LDW RI-Surface Sediment Chemistry

Matrix: Sediment

Event: 04-08-06-24

Data Release Authorized: VTS

Date Sampled: 10/03/06

Reported: 11/07/06

Date Received: 10/03/06

Date Extracted: 10/17/06

Sample Amount: 32.4 g-dry-wt

Date Analyzed: 11/01/06 21:14

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 27.2%

Silica Gel Cleanup: No

pH: 6.9

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a,h) anthracene	6.2	< 6.2 U
106-46-7	1,4-Dichlorobenzene	6.2	< 6.2 U
120-82-1	1,2,4-Trichlorobenzene	6.2	< 6.2 U
118-74-1	Hexachlorobenzene	6.2	< 6.2 U
87-68-3	Hexachlorobutadiene	6.2	< 6.2 U
131-11-3	Dimethylphthalate	6.2	8.6
85-68-7	Butylbenzylphthalate	6.2	< 6.2 U
95-48-7	2-Methylphenol	6.2	< 6.2 U
105-67-9	2,4-Dimethylphenol	6.2	< 6.2 U
86-30-6	N-Nitrosodiphenylamine	6.2	< 6.2 U
100-51-6	Benzyl Alcohol	33	< 33 Y
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.2	< 6.2 U
621-64-7	N-Nitroso-Di-N-Propylamine	31	< 31 U
62-75-9	N-Nitrosodimethylamine	31	< 31 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	64.0%	d5-Phenol	66.1%
2-Fluorophenol	73.1%	d4-2-Chlorophenol	80.5%
d4-1,2-Dichlorobenzene	64.8%	d5-Nitrobenzene	64.4%
2,4,6-Tribromophenol	72.0%	d14-p-Terphenyl	57.2%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS
Page 1 of 1

Sample ID: LDW-SS340-010
SAMPLE

Lab Sample ID: JZ53G
LIMS ID: 06-18590
Matrix: Sediment
Data Release Authorized:
Reported: 11/07/06

VTS

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/17/06
Date Analyzed: 11/01/06 21:46
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes
Silica Gel Cleanup: No

Sample Amount: 32.8 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 41.0%
pH: 6.9

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a,h) anthracene	6.1	7.3
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
131-11-3	Dimethylphthalate	6.1	< 6.1 U
85-68-7	Butylbenzylphthalate	6.1	13
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.7	< 6.7 Y
100-51-6	Benzyl Alcohol	32	< 32 Y
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U
621-64-7	N-Nitroso-Di-N-Propylamine	30	< 30 U
62-75-9	N-Nitrosodimethylamine	30	< 30 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	60.8%	d5-Phenol	67.5%
2-Fluorophenol	93.6%	d4-2-Chlorophenol	77.9%
d4-1,2-Dichlorobenzene	63.6%	d5-Nitrobenzene	62.4%
2,4,6-Tribromophenol	70.1%	d14-p-Terphenyl	56.8%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS
Page 1 of 1

Sample ID: LDW-SS341-010
SAMPLE

Lab Sample ID: JZ53E
LIMS ID: 06-18588
Matrix: Sediment
Data Release Authorized: VTS
Reported: 11/07/06

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/17/06
Date Analyzed: 11/01/06 20:42
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes
Silica Gel Cleanup: No

Sample Amount: 32.8 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 29.2%
pH: 6.7

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.1	6.7
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
131-11-3	Dimethylphthalate	6.1	< 6.1 U
85-68-7	Butylbenzylphthalate	6.1	< 6.1 U
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	30	< 30 Y
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U
621-64-7	N-Nitroso-Di-N-Propylamine	30	< 30 U
62-75-9	N-Nitrosodimethylamine	30	< 30 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	53.2%	d5-Phenol	65.6%
2-Fluorophenol	76.8%	d4-2-Chlorophenol	74.9%
d4-1,2-Dichlorobenzene	62.0%	d5-Nitrobenzene	59.6%
2,4,6-Tribromophenol	59.2%	d14-p-Terphenyl	52.4%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS
Page 1 of 1

Sample ID: LDW-SS342-010
SAMPLE

Lab Sample ID: JZ53C
LIMS ID: 06-18586
Matrix: Sediment
Data Release Authorized: VTS
Reported: 11/07/06

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/17/06
Date Analyzed: 11/01/06 19:39
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes
Silica Gel Cleanup: No

Sample Amount: 32.6 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 26.6%
pH: 7.3

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.1	< 6.1 U
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
131-11-3	Dimethylphthalate	6.1	< 6.1 U
85-68-7	Butylbenzylphthalate	6.1	< 6.1 U
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	31	< 31 Y
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U
621-64-7	N-Nitroso-Di-N-Propylamine	31	< 31 U
62-75-9	N-Nitrosodimethylamine	31	< 31 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	56.8%	d5-Phenol	63.2%
2-Fluorophenol	107%	d4-2-Chlorophenol	80.3%
d4-1,2-Dichlorobenzene	67.6%	d5-Nitrobenzene	57.6%
2,4,6-Tribromophenol	62.4%	d14-p-Terphenyl	57.6%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS
Page 1 of 1

Sample ID: LDW-SS343-010
SAMPLE

Lab Sample ID: JZ53D
LIMS ID: 06-18587
Matrix: Sediment
Data Release Authorized: *VPS*
Reported: 11/07/06

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/17/06
Date Analyzed: 11/01/06 20:11
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes
Silica Gel Cleanup: No

Sample Amount: 33.1 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 38.5%
pH: 6.9

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.0	16
106-46-7	1,4-Dichlorobenzene	6.0	< 6.0 U
120-82-1	1,2,4-Trichlorobenzene	6.0	< 6.0 U
118-74-1	Hexachlorobenzene	6.0	< 6.0 U
87-68-3	Hexachlorobutadiene	6.0	< 6.0 U
131-11-3	Dimethylphthalate	6.0	< 6.0 U
85-68-7	Butylbenzylphthalate	6.0	20
95-48-7	2-Methylphenol	6.0	< 6.0 U
105-67-9	2,4-Dimethylphenol	6.0	< 6.0 U
86-30-6	N-Nitrosodiphenylamine	6.0	< 6.0 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.0	< 6.0 U
621-64-7	N-Nitroso-Di-N-Propylamine	30	< 30 U
62-75-9	N-Nitrosodimethylamine	30	< 30 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	54.8%	d5-Phenol	68.5%
2-Fluorophenol	102%	d4-2-Chlorophenol	82.7%
d4-1,2-Dichlorobenzene	62.0%	d5-Nitrobenzene	61.6%
2,4,6-Tribromophenol	63.5%	d14-p-Terphenyl	45.6%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS
Page 1 of 1

Sample ID: LDW-SS344-010
SAMPLE

Lab Sample ID: JZ53B
LIMS ID: 06-18585
Matrix: Sediment
Data Release Authorized:
Reported: 02/09/07

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/17/06
Date Analyzed: 11/01/06 19:07
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes
Silica Gel Cleanup: No

Sample Amount: 33.0 g-dry-wt
Final Extract Volume: 2.0 mL
Dilution Factor: 1.00
Percent Moisture: 18.9%
pH: 7.1

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	6.1	< 6.1 U
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 3.0 UJ
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
131-11-3	Dimethylphthalate	6.1	< 6.1 U
85-68-7	Butylbenzylphthalate	6.1	< 6.1 U
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	31	< 31 Y
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U
621-64-7	N-Nitroso-Di-N-Propylamine	30	< 30 U
62-75-9	N-Nitrosodimethylamine	30	< 30 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	58.0%	d5-Phenol	68.0%
2-Fluorophenol	80.0%	d4-2-Chlorophenol	79.7%
d4-1,2-Dichlorobenzene	64.0%	d5-Nitrobenzene	61.2%
2,4,6-Tribromophenol	64.8%	d14-p-Terphenyl	57.6%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS
Page 1 of 1

Sample ID: LDW-SS308-RB
SAMPLE

Lab Sample ID: JZ53P
LIMS ID: 06-18599
Matrix: Water
Data Release Authorized: *VTS*
Reported: 11/07/06

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/10/06
Date Analyzed: 10/26/06 15:06
Instrument/Analyst: NT6/LJR

Sample Amount: 500 mL
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	0.10	< 0.10 U
106-46-7	1,4-Dichlorobenzene	0.10	< 0.10 U
120-82-1	1,2,4-Trichlorobenzene	0.10	< 0.10 U
118-74-1	Hexachlorobenzene	0.10	< 0.10 U
87-68-3	Hexachlorobutadiene	0.10	< 0.10 U
131-11-3	Dimethylphthalate	0.10	< 0.10 U
85-68-7	Butylbenzylphthalate	0.10	< 0.10 U
95-48-7	2-Methylphenol	0.20	< 0.20 U
105-67-9	2,4-Dimethylphenol	0.20	< 0.20 U
86-30-6	N-Nitrosodiphenylamine	0.10	< 0.10 U
100-51-6	Benzyl Alcohol	0.50	< 0.50 U
87-86-5	Pentachlorophenol	0.50	< 0.50 U
95-50-1	1,2-Dichlorobenzene	0.10	< 0.10 U
621-64-7	N-Nitroso-Di-N-Propylamine	0.50	< 0.50 U
62-75-9	N-Nitrosodimethylamine	0.50	< 0.50 U

Reported in $\mu\text{g/L}$ (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	84.4%	d5-Phenol	65.9%
2-Fluorophenol	57.6%	d4-2-Chlorophenol	64.5%
d4-1,2-Dichlorobenzene	60.0%	d5-Nitrobenzene	68.8%
2,4,6-Tribromophenol	100%	d14-p-Terphenyl	93.2%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS
Page 1 of 1

Sample ID: LDW-SS325-RB
SAMPLE

Lab Sample ID: KA180
LIMS ID: 06-18981
Matrix: Water
Data Release Authorized: *UTS*
Reported: 11/07/06

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
Event: 04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Date Extracted: 10/11/06
Date Analyzed: 10/26/06 14:02
Instrument/Analyst: NT6/LJR

Sample Amount: 500 mL
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	0.10	< 0.10 U
106-46-7	1,4-Dichlorobenzene	0.10	< 0.10 U
120-82-1	1,2,4-Trichlorobenzene	0.10	< 0.10 U
118-74-1	Hexachlorobenzene	0.10	< 0.10 U
87-68-3	Hexachlorobutadiene	0.10	< 0.10 U
131-11-3	Dimethylphthalate	0.10	< 0.10 U
85-68-7	Butylbenzylphthalate	0.10	< 0.10 U
95-48-7	2-Methylphenol	0.20	< 0.20 U
105-67-9	2,4-Dimethylphenol	0.20	< 0.20 U
86-30-6	N-Nitrosodiphenylamine	0.10	< 0.10 U
100-51-6	Benzyl Alcohol	0.50	3.0
87-86-5	Pentachlorophenol	0.50	< 0.50 U
95-50-1	1,2-Dichlorobenzene	0.10	< 0.10 U
621-64-7	N-Nitroso-Di-N-Propylamine	0.50	< 0.50 U
62-75-9	N-Nitrosodimethylamine	0.50	< 0.50 U

Reported in $\mu\text{g/L}$ (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	81.6%	d5-Phenol	65.6%
2-Fluorophenol	59.5%	d4-2-Chlorophenol	64.3%
d4-1,2-Dichlorobenzene	63.6%	d5-Nitrobenzene	72.0%
2,4,6-Tribromophenol	89.1%	d14-p-Terphenyl	88.0%

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SS344-RB

Page 1 of 1

SAMPLE

Lab Sample ID: JZ53A

QC Report No: JZ53-Windward Environmental, LLC

LIMS ID: 06-18584

Project: LDW RI-Surface Sediment Chemistry

Matrix: Water

Event: 04-08-06-24

Data Release Authorized: *VTS*

Date Sampled: 10/03/06

Reported: 11/07/06

Date Received: 10/03/06

Date Extracted: 10/10/06

Sample Amount: 500 mL

Date Analyzed: 10/26/06 14:34

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

CAS Number	Analyte	RL	Result
53-70-3	Dibenz (a, h) anthracene	0.10	< 0.10 U
106-46-7	1,4-Dichlorobenzene	0.10	< 0.10 U
120-82-1	1,2,4-Trichlorobenzene	0.10	< 0.10 U
118-74-1	Hexachlorobenzene	0.10	< 0.10 U
87-68-3	Hexachlorobutadiene	0.10	< 0.10 U
131-11-3	Dimethylphthalate	0.10	< 0.10 U
85-68-7	Butylbenzylphthalate	0.10	< 0.10 U
95-48-7	2-Methylphenol	0.20	< 0.20 U
105-67-9	2,4-Dimethylphenol	0.20	< 0.20 U
86-30-6	N-Nitrosodiphenylamine	0.10	< 0.10 U
100-51-6	Benzyl Alcohol	0.50	< 0.50 U
87-86-5	Pentachlorophenol	0.50	< 0.50 U
95-50-1	1,2-Dichlorobenzene	0.10	< 0.10 U
621-64-7	N-Nitroso-Di-N-Propylamine	0.50	< 0.50 U
62-75-9	N-Nitrosodimethylamine	0.50	< 0.50 U

Reported in $\mu\text{g/L}$ (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	78.4%	d5-Phenol	61.6%
2-Fluorophenol	59.2%	d4-2-Chlorophenol	60.3%
d4-1,2-Dichlorobenzene	54.8%	d5-Nitrobenzene	64.4%
2,4,6-Tribromophenol	90.1%	d14-p-Terphenyl	82.0%

E-5 PCBs

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SS301-010

SAMPLE

Lab Sample ID: JZ53J

LIMS ID: 06-18593

Matrix: Sediment

Data Release Authorized:

Reported: 10/27/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Date Extracted: 10/18/06

Date Analyzed: 10/20/06 19:18

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 8.82 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.5

Percent Moisture: 29.8%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	11	< 11 U
53469-21-9	Aroclor 1242	11	< 11 U
12672-29-6	Aroclor 1248	11	32
11097-69-1	Aroclor 1254	11	38
11096-82-5	Aroclor 1260	11	38
11104-28-2	Aroclor 1221	11	< 11 U
11141-16-5	Aroclor 1232	11	< 11 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	83.2%
Tetrachlorometaxylene	67.5%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SS403-010

SAMPLE

Lab Sample ID: JZ53U

LIMS ID: 06-18604

Matrix: Sediment

Data Release Authorized: *AS*

Reported: 10/27/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Date Extracted: 10/18/06

Date Analyzed: 10/20/06 22:56

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 3.39 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.6

Percent Moisture: 32.7%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	30	< 30 U
53469-21-9	Aroclor 1242	30	< 30 U
12672-29-6	Aroclor 1248	30	< 30 U
11097-69-1	Aroclor 1254	30	49
11096-82-5	Aroclor 1260	30	46
11104-28-2	Aroclor 1221	30	< 30 U
11141-16-5	Aroclor 1232	30	< 30 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	93.2%
Tetrachlorometaxylene	68.5%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SS302-010

SAMPLE

Lab Sample ID: JZ53K

LIMS ID: 06-18594

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 10/27/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Date Extracted: 10/18/06

Date Analyzed: 10/20/06 19:36

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 4.92 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.5

Percent Moisture: 51.5%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	20	< 20 U
53469-21-9	Aroclor 1242	20	< 20 U
12672-29-6	Aroclor 1248	20	79
11097-69-1	Aroclor 1254	20	140
11096-82-5	Aroclor 1260	20	100
11104-28-2	Aroclor 1221	20	< 20 U
11141-16-5	Aroclor 1232	20	< 20 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	86.8%
Tetrachlorometaxylene	68.0%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SS303-010

SAMPLE

Lab Sample ID: KA18N

LIMS ID: 06-18980

Matrix: Sediment

Data Release Authorized: *AB*

Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Date Extracted: 10/18/06

Date Analyzed: 10/24/06 21:25

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.9 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 8.0

Percent Moisture: 34.3%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	28
11097-69-1	Aroclor 1254	3.9	39 E
11096-82-5	Aroclor 1260	3.9	65 E
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	109%
Tetrachlorometaxylene	58.0%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SS303-010

DILUTION

Lab Sample ID: KA18N

LIMS ID: 06-18980

Matrix: Sediment

Data Release Authorized:

Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Date Extracted: 10/18/06

Date Analyzed: 10/27/06 20:25

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.9 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 5.00

Silica Gel: No

pH: 8.0

Percent Moisture: 34.3%


CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	19	< 19 U
53469-21-9	Aroclor 1242	19	< 19 U
12672-29-6	Aroclor 1248	19	34
11097-69-1	Aroclor 1254	19	47
11096-82-5	Aroclor 1260	19	62
11104-28-2	Aroclor 1221	19	< 19 U
11141-16-5	Aroclor 1232	19	< 19 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	112%
Tetrachlorometaxylene	85.5%

Sample ID: LDW-SS304-010
SAMPLE

Lab Sample ID: KA18R
LIMS ID: 06-18984
Matrix: Sediment
Data Release Authorized: 
Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Date Extracted: 10/18/06
Date Analyzed: 10/24/06 22:20
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: No
pH: 7.5
Percent Moisture: 32.7%


CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	27	< 27 Y
12672-29-6	Aroclor 1248	27	< 27 Y
11097-69-1	Aroclor 1254	3.9	66 EP
11096-82-5	Aroclor 1260	3.9	69 E
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	90.5%
Tetrachlorometaxylene	71.2%

Sample ID: LDW-SS304-010
DILUTION

Lab Sample ID: KA18R
LIMS ID: 06-18984
Matrix: Sediment
Data Release Authorized:
Reported: 10/31/06 

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Date Extracted: 10/18/06
Date Analyzed: 10/27/06 21:01
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: No
pH: 7.5
Percent Moisture: 32.7%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	29	< 29 Y
53469-21-9	Aroclor 1242	29	< 29 Y
12672-29-6	Aroclor 1248	29	< 29 Y
11097-69-1	Aroclor 1254	20	55
11096-82-5	Aroclor 1260	20	82
11104-28-2	Aroclor 1221	49	< 49 Y
11141-16-5	Aroclor 1232	49	< 49 Y

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	104%
Tetrachlorometaxylene	121%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SS305-010

SAMPLE

Lab Sample ID: JZ53L

LIMS ID: 06-18595

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 10/27/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Date Extracted: 10/18/06

Date Analyzed: 10/20/06 19:54

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 2.52 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.5

Percent Moisture: 50.2%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	95
11097-69-1	Aroclor 1254	40	250
11096-82-5	Aroclor 1260	40	240
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	159%
Tetrachlorometaxylene	129%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SS306-010

SAMPLE

Lab Sample ID: JZ53N

LIMS ID: 06-18597

Matrix: Sediment

Data Release Authorized:

Reported: 10/27/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Date Extracted: 10/18/06

Date Analyzed: 10/20/06 20:31

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.7 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.3

Percent Moisture: 22.5%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	Aroclor 1254	3.9	3.4 J
11096-82-5	Aroclor 1260	3.9	5.0
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	98.0%
Tetrachlorometaxylene	71.2%



Sample ID: LDW-SS307-010
SAMPLE

Lab Sample ID: JZ53M
LIMS ID: 06-18596
Matrix: Sediment
Data Release Authorized:
Reported: 10/27/06

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/18/06
Date Analyzed: 10/20/06 20:12
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 2.80 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: No
pH: 7.4
Percent Moisture: 44.0%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	36	< 36 U
53469-21-9	Aroclor 1242	36	< 36 U
12672-29-6	Aroclor 1248	36	43 J
11097-69-1	Aroclor 1254	36	89
11096-82-5	Aroclor 1260	36	99
11104-28-2	Aroclor 1221	36	< 36 U
11141-16-5	Aroclor 1232	36	< 36 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	68.8%
Tetrachlorometaxylene	64.2%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SS308-010

SAMPLE

Lab Sample ID: JZ530

LIMS ID: 06-18598

Matrix: Sediment

Data Release Authorized:

Reported: 10/27/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Date Extracted: 10/18/06

Date Analyzed: 10/20/06 20:49

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 2.71 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.4

Percent Moisture: 47.1%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	37	< 37 U
53469-21-9	Aroclor 1242	37	< 37 U
12672-29-6	Aroclor 1248	37	69
11097-69-1	Aroclor 1254	37	110
11096-82-5	Aroclor 1260	37	100
11104-28-2	Aroclor 1221	37	< 37 U
11141-16-5	Aroclor 1232	37	< 37 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	75.5%
Tetrachlorometaxylene	64.2%

Sample ID: LDW-SS309-010
SAMPLE

Lab Sample ID: JZ53Q
LIMS ID: 06-18600
Matrix: Sediment
Data Release Authorized: *AB*
Reported: 10/27/06

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/18/06
Date Analyzed: 10/20/06 21:44
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 2.51 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: No
pH: 7.5
Percent Moisture: 50.1%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	< 40 U
12672-29-6	Aroclor 1248	40	69
11097-69-1	Aroclor 1254	40	160
11096-82-5	Aroclor 1260	40	140
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	88.2%
Tetrachlorometaxylene	64.2%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SS310-010

SAMPLE

Lab Sample ID: JZ53R

LIMS ID: 06-18601

Matrix: Sediment

Data Release Authorized:

Reported: 10/27/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Date Extracted: 10/18/06

Date Analyzed: 10/20/06 22:02

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 5.00 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.5

Percent Moisture: 51.4%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	20	< 20 U
53469-21-9	Aroclor 1242	20	< 20 U
12672-29-6	Aroclor 1248	20	77
11097-69-1	Aroclor 1254	20	170
11096-82-5	Aroclor 1260	20	120
11104-28-2	Aroclor 1221	20	< 20 U
11141-16-5	Aroclor 1232	20	< 20 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	88.0%
Tetrachlorometaxylene	74.8%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1


Sample ID: LDW-SS311-010

SAMPLE

Lab Sample ID: JZ53S

LIMS ID: 06-18602

Matrix: Sediment

Data Release Authorized: 

Reported: 10/27/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Date Extracted: 10/18/06

Date Analyzed: 10/20/06 22:20

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 0.80 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.2

Percent Moisture: 69.1%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	120	< 120 U
53469-21-9	Aroclor 1242	120	< 120 U
12672-29-6	Aroclor 1248	120	< 120 U
11097-69-1	Aroclor 1254	120	190
11096-82-5	Aroclor 1260	120	180
11104-28-2	Aroclor 1221	120	< 120 U
11141-16-5	Aroclor 1232	120	< 120 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	86.8%
Tetrachlorometaxylene	67.0%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SS312-010

SAMPLE

Lab Sample ID: JZ53T

LIMS ID: 06-18603

Matrix: Sediment

Data Release Authorized: *AB*

Reported: 10/27/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Date Extracted: 10/18/06

Date Analyzed: 10/20/06 22:38

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 3.54 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.3

Percent Moisture: 65.6%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	28	< 28 U
53469-21-9	Aroclor 1242	28	< 28 U
12672-29-6	Aroclor 1248	28	240
11097-69-1	Aroclor 1254	28	500 E
11096-82-5	Aroclor 1260	28	240
11104-28-2	Aroclor 1221	28	< 28 U
11141-16-5	Aroclor 1232	28	< 28 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	113%
Tetrachlorometaxylene	66.2%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SS312-010

DILUTION

Lab Sample ID: JZ53T

LIMS ID: 06-18603

Matrix: Sediment

Data Release Authorized:

Reported: 10/27/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Date Extracted: 10/18/06

Date Analyzed: 10/27/06 11:55

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 3.54 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 3.00

Silica Gel: No

pH: 7.3

Percent Moisture: 65.6%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	85	< 85 U
53469-21-9	Aroclor 1242	85	< 85 U
12672-29-6	Aroclor 1248	85	290
11097-69-1	Aroclor 1254	85	530
11096-82-5	Aroclor 1260	85	310
11104-28-2	Aroclor 1221	85	< 85 U
11141-16-5	Aroclor 1232	85	< 85 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	125%
Tetrachlorometaxylene	76.5%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SS313-010

SAMPLE

Lab Sample ID: KA18B

LIMS ID: 06-18968

Matrix: Sediment

Data Release Authorized:

Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Date Extracted: 10/18/06

Date Analyzed: 10/24/06 17:28

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.4 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 6.8

Percent Moisture: 54.3%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	11 P
11097-69-1	Aroclor 1254	3.9	24
11096-82-5	Aroclor 1260	3.9	28
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	108%
Tetrachlorometaxylene	55.5%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SS314-010

SAMPLE

Lab Sample ID: KA18C

LIMS ID: 06-18969

Matrix: Sediment

Data Release Authorized:

Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Date Extracted: 10/18/06

Date Analyzed: 10/24/06 18:05

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.7 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 6.7

Percent Moisture: 49.0%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	Aroclor 1254	3.9	< 3.9 U
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	12	< 12 Y
11141-16-5	Aroclor 1232	12	< 12 Y

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	106%
Tetrachlorometaxylene	71.5%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SS315-010

SAMPLE

Lab Sample ID: KA18M

LIMS ID: 06-18979

Matrix: Sediment

Data Release Authorized:

Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Date Extracted: 10/18/06

Date Analyzed: 10/24/06 21:07

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.6 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 8.1

Percent Moisture: 50.3%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	49 EP
11097-69-1	Aroclor 1254	3.9	68 EP
11096-82-5	Aroclor 1260	3.9	68 E
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	94.0%
Tetrachlorometaxylene	60.5%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SS315-010

DILUTION

Lab Sample ID: KA18M

LIMS ID: 06-18979

Matrix: Sediment

Data Release Authorized:

Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Date Extracted: 10/18/06

Date Analyzed: 10/27/06 20:07

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.6 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 5.00

Silica Gel: No

pH: 8.1

Percent Moisture: 50.3%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	20	< 20 U
53469-21-9	Aroclor 1242	20	< 20 U
12672-29-6	Aroclor 1248	20	53
11097-69-1	Aroclor 1254	20	66
11096-82-5	Aroclor 1260	20	77
11104-28-2	Aroclor 1221	20	< 20 U
11141-16-5	Aroclor 1232	20	< 20 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	112%
Tetrachlorometaxylene	80.2%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SS316-010

SAMPLE

Lab Sample ID: KA18L

LIMS ID: 06-18978

Matrix: Sediment

Data Release Authorized:

Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Date Extracted: 10/18/06

Date Analyzed: 10/24/06 20:49

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.8 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.5

Percent Moisture: 31.4%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	31
11097-69-1	Aroclor 1254	3.9	68 E
11096-82-5	Aroclor 1260	3.9	82 E
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	143%
Tetrachlorometaxylene	69.2%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SS316-010

DILUTION

Lab Sample ID: KA18L

LIMS ID: 06-18978

Matrix: Sediment

Data Release Authorized:

Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Date Extracted: 10/18/06

Date Analyzed: 10/27/06 19:49

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.8 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 5.00

Silica Gel: No

pH: 7.5

Percent Moisture: 31.4%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	19	< 19 U
53469-21-9	Aroclor 1242	19	< 19 U
12672-29-6	Aroclor 1248	19	38
11097-69-1	Aroclor 1254	19	78
11096-82-5	Aroclor 1260	19	97
11104-28-2	Aroclor 1221	19	< 19 U
11141-16-5	Aroclor 1232	19	< 19 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	152%
Tetrachlorometaxylene	90.6%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SS317-010

SAMPLE

Lab Sample ID: KA18K

LIMS ID: 06-18977

Matrix: Sediment

Data Release Authorized:

Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Date Extracted: 10/18/06

Date Analyzed: 10/24/06 20:31

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.4 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.6

Percent Moisture: 41.6%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	67 EP
11097-69-1	Aroclor 1254	3.9	130 EP
11096-82-5	Aroclor 1260	3.9	91 E
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	104%
Tetrachlorometaxylene	66.2%

Sample ID: LDW-SS317-010
DILUTION

Lab Sample ID: KA18K
LIMS ID: 06-18977
Matrix: Sediment
Data Release Authorized:
Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Date Extracted: 10/18/06
Date Analyzed: 10/27/06 19:30
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: No
pH: 7.6
Percent Moisture: 41.6%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	20	< 20 U
53469-21-9	Aroclor 1242	20	< 20 U
12672-29-6	Aroclor 1248	20	74
11097-69-1	Aroclor 1254	20	130
11096-82-5	Aroclor 1260	20	110
11104-28-2	Aroclor 1221	20	< 20 U
11141-16-5	Aroclor 1232	20	< 20 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	115%
Tetrachlorometaxylene	97.4%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SS318-010

SAMPLE

Lab Sample ID: KA18J

LIMS ID: 06-18976

Matrix: Sediment

Data Release Authorized:

Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Date Extracted: 10/18/06

Date Analyzed: 10/24/06 20:12

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 3.29 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.5

Percent Moisture: 36.3%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	30	< 30 U
53469-21-9	Aroclor 1242	30	33
12672-29-6	Aroclor 1248	30	< 30 U
11097-69-1	Aroclor 1254	30	82
11096-82-5	Aroclor 1260	30	97 P
11104-28-2	Aroclor 1221	30	< 30 U
11141-16-5	Aroclor 1232	30	< 30 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	104%
Tetrachlorometaxylene	71.0%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SS319-010

SAMPLE

Lab Sample ID: KA18G

LIMS ID: 06-18973

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Date Extracted: 10/18/06

Date Analyzed: 10/24/06 19:18

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 5.55 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.5

Percent Moisture: 55.6%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	18	< 18 U
53469-21-9	Aroclor 1242	18	< 18 U
12672-29-6	Aroclor 1248	18	74
11097-69-1	Aroclor 1254	18	120
11096-82-5	Aroclor 1260	18	160
11104-28-2	Aroclor 1221	18	< 18 U
11141-16-5	Aroclor 1232	18	< 18 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	93.0%
Tetrachlorometaxylene	57.8%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SS320-010

SAMPLE

Lab Sample ID: KA18F

LIMS ID: 06-18972

Matrix: Sediment

Data Release Authorized:

Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Date Extracted: 10/18/06

Date Analyzed: 10/24/06 18:59

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 4.55 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.5

Percent Moisture: 54.9%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	22	< 22 U
53469-21-9	Aroclor 1242	22	< 22 U
12672-29-6	Aroclor 1248	22	76
11097-69-1	Aroclor 1254	22	140
11096-82-5	Aroclor 1260	22	170 P
11104-28-2	Aroclor 1221	22	< 22 U
11141-16-5	Aroclor 1232	22	< 22 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	89.8%
Tetrachlorometaxylene	61.0%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SS321-010

SAMPLE

Lab Sample ID: KA18I

LIMS ID: 06-18975

Matrix: Sediment

Data Release Authorized:

Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Date Extracted: 10/18/06

Date Analyzed: 10/24/06 19:54

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 3.46 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.9

Percent Moisture: 32.7%


CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	29	< 29 U
53469-21-9	Aroclor 1242	29	76
12672-29-6	Aroclor 1248	29	< 29 U
11097-69-1	Aroclor 1254	29	140
11096-82-5	Aroclor 1260	29	230 P
11104-28-2	Aroclor 1221	29	< 29 U
11141-16-5	Aroclor 1232	29	< 29 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	192%
Tetrachlorometaxylene	68.2%

Sample ID: LDW-SS322-010
SAMPLE

Lab Sample ID: KA18D
LIMS ID: 06-18970
Matrix: Sediment
Data Release Authorized: 
Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Date Extracted: 10/18/06
Date Analyzed: 10/24/06 18:23
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 2.52 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: No
pH: 7.3
Percent Moisture: 51.4%


CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	40	< 40 U
53469-21-9	Aroclor 1242	40	40 J
12672-29-6	Aroclor 1248	40	< 40 U
11097-69-1	Aroclor 1254	40	100
11096-82-5	Aroclor 1260	40	140
11104-28-2	Aroclor 1221	40	< 40 U
11141-16-5	Aroclor 1232	40	< 40 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	91.2%
Tetrachlorometaxylene	66.0%

Sample ID: LDW-SS323-010
SAMPLE

Lab Sample ID: KA18E
LIMS ID: 06-18971
Matrix: Sediment
Data Release Authorized:
Reported: 10/31/06 

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Date Extracted: 10/18/06
Date Analyzed: 10/24/06 18:41
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 5.55 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: No
pH: 7.5
Percent Moisture: 44.9%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	18	< 18 U
53469-21-9	Aroclor 1242	18	26
12672-29-6	Aroclor 1248	18	< 18 U
11097-69-1	Aroclor 1254	18	57
11096-82-5	Aroclor 1260	18	83
11104-28-2	Aroclor 1221	18	< 18 U
11141-16-5	Aroclor 1232	18	< 18 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	80.5%
Tetrachlorometaxylene	53.8%

Sample ID: LDW-SS324-010
SAMPLE

Lab Sample ID: KA18H
LIMS ID: 06-18974
Matrix: Sediment
Data Release Authorized:
Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Date Extracted: 10/18/06
Date Analyzed: 10/24/06 19:36
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisol Cleanup: No

Sample Amount: 3.06 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: No
pH: 7.5
Percent Moisture: 39.0%


CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	33	< 33 U
53469-21-9	Aroclor 1242	33	110
12672-29-6	Aroclor 1248	33	< 33 U
11097-69-1	Aroclor 1254	33	210
11096-82-5	Aroclor 1260	33	160
11104-28-2	Aroclor 1221	33	< 33 U
11141-16-5	Aroclor 1232	33	< 33 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	101%
Tetrachlorometaxylene	66.0%

Sample ID: LDW-SS325-010
SAMPLE

Lab Sample ID: KA18P
LIMS ID: 06-18982
Matrix: Sediment
Data Release Authorized: 
Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Date Extracted: 10/18/06
Date Analyzed: 10/24/06 21:44
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: No
pH: 7.5
Percent Moisture: 45.4%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	65 EP
11097-69-1	Aroclor 1254	3.9	120 EP
11096-82-5	Aroclor 1260	3.9	95 E
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	118%
Tetrachlorometaxylene	71.0%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SS325-010

DILUTION

Lab Sample ID: KA18P

LIMS ID: 06-18982

Matrix: Sediment

Data Release Authorized:

Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Date Extracted: 10/18/06

Date Analyzed: 10/27/06 20:43

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.4 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 5.00

Silica Gel: No

pH: 7.5

Percent Moisture: 45.4%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	20	< 20 U
53469-21-9	Aroclor 1242	20	< 20 U
12672-29-6	Aroclor 1248	20	60
11097-69-1	Aroclor 1254	20	100
11096-82-5	Aroclor 1260	20	110
11104-28-2	Aroclor 1221	20	< 20 U
11141-16-5	Aroclor 1232	20	< 20 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	138%
Tetrachlorometaxylene	69.1%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SS326-010

SAMPLE

Lab Sample ID: KA18Q

LIMS ID: 06-18983

Matrix: Sediment

Data Release Authorized:

Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Date Extracted: 10/18/06

Date Analyzed: 10/24/06 22:02

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.5 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.5

Percent Moisture: 53.2%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	48 E
11097-69-1	Aroclor 1254	3.9	100 E
11096-82-5	Aroclor 1260	3.9	84 E
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	95.0%
Tetrachlorometaxylene	59.5%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SS326-010

DILUTION

Lab Sample ID: KA18Q

LIMS ID: 06-18983

Matrix: Sediment

Data Release Authorized:

Reported: 11/02/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Date Extracted: 10/18/06

Date Analyzed: 11/01/06 16:03

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.5 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 5.00

Silica Gel: No

pH: 7.5

Percent Moisture: 53.2%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	20	< 20 U
53469-21-9	Aroclor 1242	20	< 20 U
12672-29-6	Aroclor 1248	20	60
11097-69-1	Aroclor 1254	20	76
11096-82-5	Aroclor 1260	20	78
11104-28-2	Aroclor 1221	20	< 20 U
11141-16-5	Aroclor 1232	20	< 20 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	88.0%
Tetrachlorometaxylene	83.1%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SS327-010

SAMPLE

Lab Sample ID: JZ15B

LIMS ID: 06-18342

Matrix: Sediment

Data Release Authorized:

Reported: 10/26/06

QC Report No: JZ15-Windward Environmental, LLC

Project: LDW R1-R3 Surface Sediment

04-08-06-24

Date Sampled: 10/02/06

Date Received: 10/02/06

Date Extracted: 10/16/06

Date Analyzed: 10/23/06 18:17

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 3.20 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.5

Percent Moisture: 42.2%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	31	< 31 U
53469-21-9	Aroclor 1242	31	< 31 U
12672-29-6	Aroclor 1248	31	73
11097-69-1	Aroclor 1254	31	74
11096-82-5	Aroclor 1260	31	64
11104-28-2	Aroclor 1221	31	< 31 U
11141-16-5	Aroclor 1232	31	< 31 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	78.2%
Tetrachlorometaxylene	59.8%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1


Sample ID: LDW-SS328-010

SAMPLE

Lab Sample ID: JZ15C

LIMS ID: 06-18343

Matrix: Sediment

Data Release Authorized: 

Reported: 10/26/06

QC Report No: JZ15-Windward Environmental, LLC

Project: LDW R1-R3 Surface Sediment

04-08-06-24

Date Sampled: 10/02/06

Date Received: 10/02/06

Date Extracted: 10/16/06

Date Analyzed: 10/23/06 18:35

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 2.78 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.0

Percent Moisture: 44.6%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	36	< 36 U
53469-21-9	Aroclor 1242	36	< 36 U
12672-29-6	Aroclor 1248	36	70
11097-69-1	Aroclor 1254	36	120
11096-82-5	Aroclor 1260	36	66
11104-28-2	Aroclor 1221	36	< 36 U
11141-16-5	Aroclor 1232	36	< 36 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	76.5%
Tetrachlorometaxylene	58.8%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SS329-010

SAMPLE

Lab Sample ID: JZ15D

LIMS ID: 06-18344

Matrix: Sediment

Data Release Authorized:

Reported: 10/26/06

QC Report No: JZ15-Windward Environmental, LLC

Project: LDW R1-R3 Surface Sediment

04-08-06-24

Date Sampled: 10/02/06

Date Received: 10/02/06

Date Extracted: 10/16/06

Date Analyzed: 10/23/06 18:53

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 4.93 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.6

Percent Moisture: 29.7%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	20	< 20 U
53469-21-9	Aroclor 1242	20	< 20 U
12672-29-6	Aroclor 1248	20	33
11097-69-1	Aroclor 1254	20	46
11096-82-5	Aroclor 1260	20	45
11104-28-2	Aroclor 1221	20	< 20 U
11141-16-5	Aroclor 1232	20	< 20 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	90.2%
Tetrachlorometaxylene	61.0%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SS401-010

SAMPLE

Lab Sample ID: JZ15E

LIMS ID: 06-18345

Matrix: Sediment

Data Release Authorized:

Reported: 10/26/06

QC Report No: JZ15-Windward Environmental, LLC

Project: LDW R1-R3 Surface Sediment

04-08-06-24

Date Sampled: 10/02/06

Date Received: 10/02/06

Date Extracted: 10/16/06

Date Analyzed: 10/23/06 19:11

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 5.07 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.6

Percent Moisture: 27.9%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	20	< 20 U
53469-21-9	Aroclor 1242	20	< 20 U
12672-29-6	Aroclor 1248	20	36
11097-69-1	Aroclor 1254	20	43
11096-82-5	Aroclor 1260	20	43
11104-28-2	Aroclor 1221	20	< 20 U
11141-16-5	Aroclor 1232	20	< 20 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	86.2%
Tetrachlorometaxylene	68.0%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SS330-010


SAMPLE

Lab Sample ID: JZ15A

LIMS ID: 06-18341

Matrix: Sediment

Data Release Authorized:

Reported: 10/26/06 

QC Report No: JZ15-Windward Environmental, LLC

Project: LDW R1-R3 Surface Sediment

04-08-06-24

Date Sampled: 10/02/06

Date Received: 10/02/06

Date Extracted: 10/16/06

Date Analyzed: 10/23/06 17:58

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 5.17 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.4

Percent Moisture: 58.7%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	19	< 19 U
53469-21-9	Aroclor 1242	19	< 19 U
12672-29-6	Aroclor 1248	19	48
11097-69-1	Aroclor 1254	19	100
11096-82-5	Aroclor 1260	19	100
11104-28-2	Aroclor 1221	19	< 19 U
11141-16-5	Aroclor 1232	19	< 19 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	87.8%
Tetrachlorometaxylene	65.0%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SS331-010

SAMPLE

Lab Sample ID: JZ15F

LIMS ID: 06-18346

Matrix: Sediment

Data Release Authorized:

Reported: 10/26/06

QC Report No: JZ15-Windward Environmental, LLC

Project: LDW R1-R3 Surface Sediment

04-08-06-24

Date Sampled: 10/02/06

Date Received: 10/02/06

Date Extracted: 10/16/06

Date Analyzed: 10/23/06 19:29

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.6 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 3.00

Silica Gel: No

pH: 7.4

Percent Moisture: 47.2%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	12	< 12 U
53469-21-9	Aroclor 1242	12	< 12 U
12672-29-6	Aroclor 1248	12	18
11097-69-1	Aroclor 1254	12	42
11096-82-5	Aroclor 1260	12	37 P
11104-28-2	Aroclor 1221	12	< 12 U
11141-16-5	Aroclor 1232	12	< 12 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	93.0%
Tetrachlorometaxylene	75.8%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SS332-010

SAMPLE

Lab Sample ID: JZ15G

LIMS ID: 06-18347

Matrix: Sediment

Data Release Authorized:

Reported: 10/26/06

QC Report No: JZ15-Windward Environmental, LLC

Project: LDW R1-R3 Surface Sediment

04-08-06-24

Date Sampled: 10/02/06

Date Received: 10/02/06

Date Extracted: 10/16/06

Date Analyzed: 10/23/06 20:24

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.7 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.1

Percent Moisture: 33.0%


CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	9.7	< 9.7 Y
53469-21-9	Aroclor 1242	16	< 16 Y
12672-29-6	Aroclor 1248	12	< 12 Y
11097-69-1	Aroclor 1254	3.9	19
11096-82-5	Aroclor 1260	3.9	19
11104-28-2	Aroclor 1221	23	< 23 Y
11141-16-5	Aroclor 1232	16	< 16 Y

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	106%
Tetrachlorometaxylene	68.0%

Sample ID: LDW-SS333-010
SAMPLE

Lab Sample ID: JZ15I
LIMS ID: 06-18349
Matrix: Sediment
Data Release Authorized:
Reported: 10/26/06 

QC Report No: JZ15-Windward Environmental, LLC
Project: LDW R1-R3 Surface Sediment
04-08-06-24
Date Sampled: 10/02/06
Date Received: 10/02/06

Date Extracted: 10/16/06
Date Analyzed: 10/23/06 21:00
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 3.86 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: No
pH: 7.3
Percent Moisture: 35.9%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	26	< 26 U
53469-21-9	Aroclor 1242	26	< 26 U
12672-29-6	Aroclor 1248	26	37
11097-69-1	Aroclor 1254	26	62
11096-82-5	Aroclor 1260	26	68
11104-28-2	Aroclor 1221	26	< 26 U
11141-16-5	Aroclor 1232	26	< 26 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	89.8%
Tetrachlorometaxylene	67.8%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SS334-010

SAMPLE

Lab Sample ID: JZ15H

LIMS ID: 06-18348

Matrix: Sediment

Data Release Authorized:

Reported: 10/26/06

QC Report No: JZ15-Windward Environmental, LLC

Project: LDW R1-R3 Surface Sediment

04-08-06-24

Date Sampled: 10/02/06

Date Received: 10/02/06

Date Extracted: 10/16/06

Date Analyzed: 10/23/06 20:42

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.9 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.5

Percent Moisture: 21.4%


CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	6.3
11097-69-1	Aroclor 1254	3.9	12
11096-82-5	Aroclor 1260	3.9	15
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	102%
Tetrachlorometaxylene	68.0%

Sample ID: LDW-SS335-010
SAMPLE

Lab Sample ID: KA18A
LIMS ID: 06-18967
Matrix: Sediment
Data Release Authorized:
Reported: 10/31/06 

QC Report No: KA18-Windward Environmental, LLC
Project: LDW RI-Round 3 Surface Sediment
04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Date Extracted: 10/18/06
Date Analyzed: 10/24/06 17:10
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisol Cleanup: No

Sample Amount: 25.2 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: No
pH: 7.2
Percent Moisture: 59.6%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	4.0	< 4.0 U
53469-21-9	Aroclor 1242	4.0	< 4.0 U
12672-29-6	Aroclor 1248	4.0	50 E
11097-69-1	Aroclor 1254	4.0	130 E
11096-82-5	Aroclor 1260	4.0	90 E
11104-28-2	Aroclor 1221	4.0	< 4.0 U
11141-16-5	Aroclor 1232	4.0	< 4.0 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	83.0%
Tetrachlorometaxylene	66.5%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SS335-010

DILUTION

Lab Sample ID: KA18A

LIMS ID: 06-18967

Matrix: Sediment

Data Release Authorized:

Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Date Extracted: 10/18/06

Date Analyzed: 10/27/06 19:12

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.2 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 5.00

Silica Gel: No

pH: 7.2

Percent Moisture: 59.6%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	20	< 20 U
53469-21-9	Aroclor 1242	20	< 20 U
12672-29-6	Aroclor 1248	20	53
11097-69-1	Aroclor 1254	20	130
11096-82-5	Aroclor 1260	20	120
11104-28-2	Aroclor 1221	20	< 20 U
11141-16-5	Aroclor 1232	20	< 20 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	110%
Tetrachlorometaxylene	68.9%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SS336-010

SAMPLE

Lab Sample ID: JZ53I

LIMS ID: 06-18592

Matrix: Sediment

Data Release Authorized:

Reported: 10/27/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Date Extracted: 10/18/06

Date Analyzed: 10/20/06 19:00

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 4.89 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.2

Percent Moisture: 51.8%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	41	< 41 Y
53469-21-9	Aroclor 1242	41	< 41 Y
12672-29-6	Aroclor 1248	82	< 82 Y
11097-69-1	Aroclor 1254	20	120
11096-82-5	Aroclor 1260	20	74
11104-28-2	Aroclor 1221	20	< 20 U
11141-16-5	Aroclor 1232	61	< 61 Y

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	83.0%
Tetrachlorometaxylene	73.2%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SS337-010

SAMPLE

Lab Sample ID: JZ15J

LIMS ID: 06-18350

Matrix: Sediment

Data Release Authorized:

Reported: 10/26/06

QC Report No: JZ15-Windward Environmental, LLC

Project: LDW R1-R3 Surface Sediment

04-08-06-24

Date Sampled: 10/02/06

Date Received: 10/02/06

Date Extracted: 10/16/06

Date Analyzed: 10/23/06 21:19

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.7 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.3

Percent Moisture: 40.8%


CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	16	< 16 Y
53469-21-9	Aroclor 1242	16	< 16 Y
12672-29-6	Aroclor 1248	16	< 16 Y
11097-69-1	Aroclor 1254	3.9	20
11096-82-5	Aroclor 1260	3.9	20
11104-28-2	Aroclor 1221	7.8	< 7.8 Y
11141-16-5	Aroclor 1232	16	< 16 Y

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	99.0%
Tetrachlorometaxylene	68.2%

Sample ID: LDW-SS402-010
SAMPLE

Lab Sample ID: JZ15K
LIMS ID: 06-18351
Matrix: Sediment
Data Release Authorized:
Reported: 10/26/06 

QC Report No: JZ15-Windward Environmental, LLC
Project: LDW R1-R3 Surface Sediment
04-08-06-24
Date Sampled: 10/02/06
Date Received: 10/02/06

Date Extracted: 10/16/06
Date Analyzed: 10/23/06 21:37
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.7 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: No
pH: 7.3
Percent Moisture: 33.1%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	12	< 12 Y
53469-21-9	Aroclor 1242	16	< 16 Y
12672-29-6	Aroclor 1248	16	< 16 Y
11097-69-1	Aroclor 1254	3.9	16
11096-82-5	Aroclor 1260	3.9	18
11104-28-2	Aroclor 1221	12	< 12 Y
11141-16-5	Aroclor 1232	19	< 19 Y

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	97.2%
Tetrachlorometaxylene	118%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SS338-010

SAMPLE

Lab Sample ID: JZ53H

LIMS ID: 06-18591

Matrix: Sediment

Data Release Authorized: *MB*

Reported: 10/27/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Date Extracted: 10/18/06

Date Analyzed: 10/20/06 17:10

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 6.24 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.1

Percent Moisture: 50.4%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	24	< 24 Y
53469-21-9	Aroclor 1242	24	< 24 Y
12672-29-6	Aroclor 1248	32	< 32 Y
11097-69-1	Aroclor 1254	16	47
11096-82-5	Aroclor 1260	16	41
11104-28-2	Aroclor 1221	16	< 16 U
11141-16-5	Aroclor 1232	32	< 32 Y

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	78.8%
Tetrachlorometaxylene	64.2%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SS339-010

SAMPLE

Lab Sample ID: JZ53F

LIMS ID: 06-18589

Matrix: Sediment

Data Release Authorized:

Reported: 10/27/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Date Extracted: 10/18/06

Date Analyzed: 10/20/06 16:34

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 9.13 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 6.9

Percent Moisture: 27.2%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	11	< 11 U
53469-21-9	Aroclor 1242	11	< 11 U
12672-29-6	Aroclor 1248	11	< 11 U
11097-69-1	Aroclor 1254	11	20
11096-82-5	Aroclor 1260	11	40
11104-28-2	Aroclor 1221	11	< 11 U
11141-16-5	Aroclor 1232	11	< 11 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	83.5%
Tetrachlorometaxylene	64.2%

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: LDW-SS340-010
SAMPLE

Lab Sample ID: JZ53G
LIMS ID: 06-18590
Matrix: Sediment
Data Release Authorized:
Reported: 10/27/06

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/18/06
Date Analyzed: 10/20/06 16:52
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 6.01 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: No
pH: 6.9
Percent Moisture: 41.0%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	17	< 17 U
53469-21-9	Aroclor 1242	17	< 17 U
12672-29-6	Aroclor 1248	17	< 17 U
11097-69-1	Aroclor 1254	17	64
11096-82-5	Aroclor 1260	17	24 JP
11104-28-2	Aroclor 1221	17	< 17 U
11141-16-5	Aroclor 1232	17	< 17 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	83.0%
Tetrachlorometaxylene	66.2%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SS341-010

SAMPLE

Lab Sample ID: JZ53E

LIMS ID: 06-18588

Matrix: Sediment

Data Release Authorized:

Reported: 10/27/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Date Extracted: 10/18/06

Date Analyzed: 10/20/06 16:15

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 26.0 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 6.7

Percent Moisture: 29.2%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.8	< 3.8 U
53469-21-9	Aroclor 1242	3.8	< 3.8 U
12672-29-6	Aroclor 1248	3.8	12
11097-69-1	Aroclor 1254	3.8	26
11096-82-5	Aroclor 1260	3.8	12
11104-28-2	Aroclor 1221	3.8	< 3.8 U
11141-16-5	Aroclor 1232	3.8	< 3.8 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	79.0%
Tetrachlorometaxylene	64.5%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SS342-010

SAMPLE

Lab Sample ID: JZ53C

LIMS ID: 06-18586

Matrix: Sediment

Data Release Authorized:

Reported: 10/27/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Date Extracted: 10/18/06

Date Analyzed: 10/20/06 15:39

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 26.0 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.3

Percent Moisture: 26.6%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	5.8	< 5.8 Y
53469-21-9	Aroclor 1242	5.8	< 5.8 Y
12672-29-6	Aroclor 1248	7.7	< 7.7 Y
11097-69-1	Aroclor 1254	3.8	7.8
11096-82-5	Aroclor 1260	3.8	5.7
11104-28-2	Aroclor 1221	3.8	< 3.8 U
11141-16-5	Aroclor 1232	7.7	< 7.7 Y

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	82.8%
Tetrachlorometaxylene	72.8%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SS343-010

SAMPLE

Lab Sample ID: JZ53D

LIMS ID: 06-18587

Matrix: Sediment

Data Release Authorized:

Reported: 10/27/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Date Extracted: 10/18/06

Date Analyzed: 10/20/06 15:57

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 6.24 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 6.9

Percent Moisture: 38.5%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	16	< 16 U
53469-21-9	Aroclor 1242	16	< 16 U
12672-29-6	Aroclor 1248	16	< 16 U
11097-69-1	Aroclor 1254	16	38
11096-82-5	Aroclor 1260	16	29
11104-28-2	Aroclor 1221	16	< 16 U
11141-16-5	Aroclor 1232	32	< 32 Y

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	72.0%
Tetrachlorometaxylene	64.8%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SS344-010

SAMPLE

Lab Sample ID: JZ53B

LIMS ID: 06-18585

Matrix: Sediment

Data Release Authorized:

Reported: 10/27/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Date Extracted: 10/18/06

Date Analyzed: 10/20/06 15:21

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.5 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.1

Percent Moisture: 18.9%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	Aroclor 1254	3.9	5.0
11096-82-5	Aroclor 1260	3.9	4.0 J
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	5.9	< 5.9 Y

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	77.5%
Tetrachlorometaxylene	67.0%

ORGANICS ANALYSIS DATA SHEET

PCB by GC/ECD Method SW8082

Page 1 of 1



Sample ID: LDW-SS308-RB

SAMPLE

Lab Sample ID: JZ53P

LIMS ID: 06-18599

Matrix: Water

Data Release Authorized:

Reported: 10/27/06

QC Report No: JZ53-Windward Environmental, LLC

Project: LDW RI-Surface Sediment Chemistry

04-08-06-24

Date Sampled: 10/03/06

Date Received: 10/03/06

Date Extracted: 10/10/06

Date Analyzed: 10/22/06 00:07

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: No

Sample Amount: 500 mL

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

Acid Cleanup: No

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	1.0	< 1.0 U
53469-21-9	Aroclor 1242	1.0	< 1.0 U
12672-29-6	Aroclor 1248	1.0	< 1.0 U
11097-69-1	Aroclor 1254	1.0	< 1.0 U
11096-82-5	Aroclor 1260	1.0	< 1.0 U
11104-28-2	Aroclor 1221	1.0	< 1.0 U
11141-16-5	Aroclor 1232	1.0	< 1.0 U

Reported in µg/L (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	47.8%
Tetrachlorometaxylene	78.5%

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SS325-RB
SAMPLE

Lab Sample ID: KA180

LIMS ID: 06-18981

Matrix: Water

Data Release Authorized:

Reported: 10/31/06

QC Report No: KA18-Windward Environmental, LLC

Project: LDW RI-Round 3 Surface Sediment

04-08-06-24

Date Sampled: 10/04/06

Date Received: 10/04/06

Date Extracted: 10/11/06

Date Analyzed: 10/21/06 22:54

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Sample Amount: 500 mL

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

Acid Cleanup: Yes


CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	1.0	< 1.0 U
53469-21-9	Aroclor 1242	1.0	< 1.0 U
12672-29-6	Aroclor 1248	1.0	< 1.0 U
11097-69-1	Aroclor 1254	1.0	< 1.0 U
11096-82-5	Aroclor 1260	1.0	< 1.0 U
11104-28-2	Aroclor 1221	1.0	< 1.0 U
11141-16-5	Aroclor 1232	1.0	< 1.0 U

Reported in $\mu\text{g/L}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	70.5%
Tetrachlorometaxylene	80.2%

Sample ID: LDW-SS344-RB
SAMPLE

Lab Sample ID: JZ53A
LIMS ID: 06-18584
Matrix: Water
Data Release Authorized: 
Reported: 10/27/06

QC Report No: JZ53-Windward Environmental, LLC
Project: LDW RI-Surface Sediment Chemistry
04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Date Extracted: 10/10/06
Date Analyzed: 10/21/06 23:49
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: No

Sample Amount: 500 mL
Final Extract Volume: 5.0 mL
Dilution Factor: 1.00
Silica Gel: No
Acid Cleanup: No

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	1.0	< 1.0 U
53469-21-9	Aroclor 1242	1.0	< 1.0 U
12672-29-6	Aroclor 1248	1.0	< 1.0 U
11097-69-1	Aroclor 1254	1.0	< 1.0 U
11096-82-5	Aroclor 1260	1.0	< 1.0 U
11104-28-2	Aroclor 1221	1.0	< 1.0 U
11141-16-5	Aroclor 1232	1.0	< 1.0 U

Reported in $\mu\text{g/L}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	55.5%
Tetrachlorometaxylene	77.2%

E-6 Dioxins/Furans

Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SS318-010
Sample Collection:
04-Oct-2006 10:56

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: 10-Oct-2006

Extraction Date: 18-Oct-2006

Analysis Date: 27-Oct-2006 Time: 03:56:30

Extract Volume (uL): 50

Injection Volume (uL): 1.0

Dilution Factor: 2.5

Concentration Units: ng/kg (dry weight basis)

Project No. 04-08-06-24
Lab Sample I.D.: L9375-4 LW
Sample Size: 11.0 g (dry)
Initial Calibration Date: 13-Oct-2006
Instrument ID: HR GC/MS
GC Column ID: DB5
Sample Data Filename: DX62_418B S: 10
Blank Data Filename: DX62_415 S: 6
Cal. Ver. Data Filename: DX62_418B S: 2
% Solids: 67.1

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD	D J	0.653	0.0638	0.72	1.001
1,2,3,7,8-PECDD ³	D J	1.31	0.0708	0.59	1.001
1,2,3,4,7,8-HXCDD	D J	1.98	0.223	1.31	1.000
1,2,3,6,7,8-HXCDD	D J	11.0	0.223	1.27	1.000
1,2,3,7,8,9-HXCDD	D J	6.48	0.223	1.21	1.010
1,2,3,4,6,7,8-HPCDD	B D	296	0.210	1.05	1.000
OCDD	B D	2830	0.119	0.89	1.000
2,3,7,8-TCDF	D	4.85	0.125	0.82	1.001
1,2,3,7,8-PECDF	D J	0.905	0.135	1.75	1.000
2,3,4,7,8-PECDF	B D J	2.05	0.135	1.49	1.000
1,2,3,4,7,8-HXCDF	D J	6.81	0.118	1.28	1.000
1,2,3,6,7,8-HXCDF	D J	2.00	0.118	1.30	1.000
1,2,3,7,8,9-HXCDF	D J	0.214	0.118	1.19	1.000
2,3,4,6,7,8-HXCDF	D J	1.59	0.118	1.27	1.000
1,2,3,4,6,7,8-HPCDF	D	56.3	0.213	1.05	1.000
1,2,3,4,7,8,9-HPCDF	D J	4.20	0.213	1.07	1.000
OCDF	B D	225	0.0460	0.89	1.002
TOTAL TETRA-DIOXINS	D	5.85	0.0638		
TOTAL PENTA-DIOXINS	D	11.6	0.0708		
TOTAL HEXA-DIOXINS	D	86.4	0.223		
TOTAL HEPTA-DIOXINS	B D	728	0.210		
TOTAL TETRA-FURANS	D	26.4	0.125		
TOTAL PENTA-FURANS	D	38.4	0.135		
TOTAL HEXA-FURANS	D	86.0	0.118		
TOTAL HEPTA-FURANS	D	221	0.213		

(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.
 (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: _____ Teresa Rawsthorne _____ QA/QC Chemist

Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SS318-010
Sample Collection:
04-Oct-2006 10:56

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. 04-08-06-24

Lab Sample I.D.: L9375-4 LW

Matrix: SOLID

Sample Size: 11.0 g (dry)

Sample Receipt Date: 10-Oct-2006

Initial Calibration Date: 10-Oct-2006

Extraction Date: 18-Oct-2006

Instrument ID: HR GC/MS

Analysis Date: 27-Oct-2006 Time: 12:53:43

GC Column ID: DB225

Extract Volume (uL): 50

Sample Data Filename: DB63_223 S: 10

Injection Volume (uL): 2.0

Blank Data Filename: N/A

Dilution Factor: 2.5

Cal. Ver. Data Filename: DB63_223 S: 3

Concentration Units: ng/kg (dry weight basis)

% Solids: 67.1

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDF	D J	0.992	0.0456	0.88	1.001

(1) Where applicable, custom lab flags have been used on this report; D = dilution data; 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: _____ Teresa Rawsthorne _____ 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-SS321-010
Sample Collection:
04-Oct-2006 10:39

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. 04-08-06-24

Lab Sample I.D.: L9375-5 LW

Matrix: SOLID

Sample Size: 11.3 g (dry)

Sample Receipt Date: 10-Oct-2006

Initial Calibration Date: 13-Oct-2006

Extraction Date: 18-Oct-2006

Instrument ID: HR GC/MS

Analysis Date: 27-Oct-2006 Time: 03:01:53

GC Column ID: DB5

Extract Volume (uL): 100

Sample Data Filename: DX62_418B S: 9

Injection Volume (uL): 1.0

Blank Data Filename: DX62_415 S: 6

Dilution Factor: 5

Cal. Ver. Data Filename: DX62_418B S: 2

Concentration Units: ng/kg (dry weight basis)

% Solids: 68.8

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD	D J	0.823	0.118	0.78	1.001
1,2,3,7,8-PECDD ³	D J	1.76	0.138	0.61	1.001
1,2,3,4,7,8-HXCDD	D J	2.27	0.287	1.11	1.000
1,2,3,6,7,8-HXCDD	D J	17.9	0.287	1.19	1.000
1,2,3,7,8,9-HXCDD	D J	9.44	0.287	1.31	1.010
1,2,3,4,6,7,8-HPCDD	B D	668	0.385	1.04	1.000
OCDD	B D	4900	0.281	0.89	1.001
2,3,7,8-TCDF	D	7.75	0.226	0.75	1.002
1,2,3,7,8-PECDF	D J	1.17	0.241	1.49	1.000
2,3,4,7,8-PECDF	B D J	2.85	0.241	1.39	1.001
1,2,3,4,7,8-HXCDF	D J	9.13	0.212	1.20	1.000
1,2,3,6,7,8-HXCDF	D J	2.67	0.212	1.38	1.000
1,2,3,7,8,9-HXCDF	K D J	0.253	0.212	1.89	1.000
2,3,4,6,7,8-HXCDF	D J	1.69	0.212	1.15	1.000
1,2,3,4,6,7,8-HPCDF	D	65.4	0.238	1.08	1.000
1,2,3,4,7,8,9-HPCDF	D J	5.80	0.238	1.10	1.000
OCDF	B D	250	0.0828	0.89	1.002
TOTAL TETRA-DIOXINS	D	6.39	0.118		
TOTAL PENTA-DIOXINS	D	13.9	0.138		
TOTAL HEXA-DIOXINS	D	146	0.287		
TOTAL HEPTA-DIOXINS	B D	1380	0.385		
TOTAL TETRA-FURANS	D	38.9	0.226		
TOTAL PENTA-FURANS	D	46.8	0.241		
TOTAL HEXA-FURANS	D	98.7	0.212		
TOTAL HEPTA-FURANS	D	263	0.238		

(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; D = dilution data; 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: _____ Teresa Rawsthorne _____ QA/QC Chemist

Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SS321-010
Sample Collection:
04-Oct-2006 10:39

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. 04-08-06-24

Lab Sample I.D.: L9375-5 LW

Matrix: SOLID

Sample Size: 11.3 g (dry)

Sample Receipt Date: 10-Oct-2006

Initial Calibration Date: 10-Oct-2006

Extraction Date: 18-Oct-2006

Instrument ID: HR GC/MS

Analysis Date: 27-Oct-2006 Time: 12:18:05

GC Column ID: DB225

Extract Volume (uL): 100

Sample Data Filename: DB63_223 S: 9

Injection Volume (uL): 2.0

Blank Data Filename: N/A

Dilution Factor: 5

Cal. Ver. Data Filename: DB63_223 S: 3

Concentration Units: ng/kg (dry weight basis)

% Solids: 68.8

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDF	D J	1.48	0.0441	0.82	1.001

(1) Where applicable, custom lab flags have been used on this report; D = dilution data; 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: _____ Teresa Rawsthorne _____ 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-SS322-010
Sample Collection:
04-Oct-2006 09:33

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. 04-08-06-24

Lab Sample I.D.: L9375-6 LW

Matrix: SOLID

Sample Size: 9.82 g (dry)

Sample Receipt Date: 10-Oct-2006

Initial Calibration Date: 13-Oct-2006

Extraction Date: 18-Oct-2006

Instrument ID: HR GC/MS

Analysis Date: 27-Oct-2006 Time: 13:08:26

GC Column ID: DB5

Extract Volume (uL): 50

Sample Data Filename: DX62_419B S: 4

Injection Volume (uL): 1.0

Blank Data Filename: DX62_415 S: 6

Dilution Factor: 2.5

Cal. Ver. Data Filename: DX62_419A S: 1

Concentration Units: ng/kg (dry weight basis)

% Solids: 49.0

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD	D J	0.719	0.0548	0.69	1.001
1,2,3,7,8-PECDD ³	D J	2.06	0.0735	0.63	1.001
1,2,3,4,7,8-HXCDD	D J	3.75	0.252	1.27	1.000
1,2,3,6,7,8-HXCDD	D	17.6	0.252	1.27	1.000
1,2,3,7,8,9-HXCDD	D J	11.5	0.252	1.24	1.010
1,2,3,4,6,7,8-HPCDD	B D	476	0.239	1.06	1.000
OCDD	B D	4110	0.126	0.90	1.000
2,3,7,8-TCDF	D	9.01	0.149	0.77	1.002
1,2,3,7,8-PECDF	D J	1.52	0.0954	1.58	1.000
2,3,4,7,8-PECDF	B D J	3.81	0.0954	1.54	1.000
1,2,3,4,7,8-HXCDF	D J	11.9	0.133	1.28	1.000
1,2,3,6,7,8-HXCDF	D J	3.69	0.133	1.22	1.000
1,2,3,7,8,9-HXCDF	D J	0.317	0.133	1.15	1.000
2,3,4,6,7,8-HXCDF	D J	2.63	0.133	1.22	1.000
1,2,3,4,6,7,8-HPCDF	D	92.1	0.114	1.04	1.000
1,2,3,4,7,8,9-HPCDF	D J	7.14	0.114	1.01	1.000
OCDF	B D	353	0.0510	0.89	1.002
TOTAL TETRA-DIOXINS	D	11.3	0.0548		
TOTAL PENTA-DIOXINS	D	17.6	0.0735		
TOTAL HEXA-DIOXINS	D	150	0.252		
TOTAL HEPTA-DIOXINS	B D	1280	0.239		
TOTAL TETRA-FURANS	D	48.3	0.149		
TOTAL PENTA-FURANS	D	63.6	0.0954		
TOTAL HEXA-FURANS	D	147	0.133		
TOTAL HEPTA-FURANS	D	358	0.114		

(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.

(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: _____ Teresa Rawsthorne _____ QA/QC Chemist

Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SS322-010
Sample Collection:
04-Oct-2006 09:33

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. 04-08-06-24

Lab Sample I.D.: L9375-6 LW

Matrix: SOLID

Sample Size: 9.82 g (dry)

Sample Receipt Date: 10-Oct-2006

Initial Calibration Date: 10-Oct-2006

Extraction Date: 18-Oct-2006

Instrument ID: HR GC/MS

Analysis Date: 27-Oct-2006 Time: 13:29:22

GC Column ID: DB225

Extract Volume (uL): 50

Sample Data Filename: DB63_223 S: 11

Injection Volume (uL): 2.0

Blank Data Filename: N/A

Dilution Factor: 2.5

Cal. Ver. Data Filename: DB63_223 S: 3

Concentration Units: ng/kg (dry weight basis)

% Solids: 49.0

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDF	D J	2.04	0.0509	0.82	1.001

(1) Where applicable, custom lab flags have been used on this report; D = dilution data; 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: _____ Teresa Rawsthorne _____ 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-SS323-010
Sample Collection:
04-Oct-2006 09:43

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. 04-08-06-24

Lab Sample I.D.: L9375-7 LW (A)

Matrix: SOLID

Sample Size: 11.2 g (dry)

Sample Receipt Date: 10-Oct-2006

Initial Calibration Date: 13-Oct-2006

Extraction Date: 18-Oct-2006

Instrument ID: HR GC/MS

Analysis Date: 27-Oct-2006 Time: 04:51:08

GC Column ID: DB5

Extract Volume (uL): 50

Sample Data Filename: DX62_418B S: 11

Injection Volume (uL): 1.0

Blank Data Filename: DX62_415 S: 6

Dilution Factor: 2.5

Cal. Ver. Data Filename: DX62_418B S: 2

Concentration Units: ng/kg (dry weight basis)

% Solids: 59.1

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD	D J	0.522	0.0718	0.74	1.001
1,2,3,7,8-PECDD ³	D J	1.35	0.0484	0.66	1.000
1,2,3,4,7,8-HXCDD	D J	2.24	0.255	1.22	1.000
1,2,3,6,7,8-HXCDD	D	11.5	0.255	1.26	1.000
1,2,3,7,8,9-HXCDD	D J	7.12	0.255	1.20	1.010
1,2,3,4,6,7,8-HPCDD	B D	308	0.133	1.05	1.000
OCDD	B D	3200	0.0845	0.89	1.000
2,3,7,8-TCDF	D	5.23	0.178	0.76	1.002
1,2,3,7,8-PECDF	D J	1.01	0.0927	1.42	1.001
2,3,4,7,8-PECDF	B D J	2.45	0.0927	1.38	1.000
1,2,3,4,7,8-HXCDF	D J	6.70	0.121	1.24	1.000
1,2,3,6,7,8-HXCDF	D J	2.29	0.121	1.30	1.000
1,2,3,7,8,9-HXCDF	K D J	0.195	0.121	1.58	1.000
2,3,4,6,7,8-HXCDF	D J	1.78	0.121	1.27	1.000
1,2,3,4,6,7,8-HPCDF	D	56.1	0.164	1.04	1.000
1,2,3,4,7,8,9-HPCDF	D J	4.38	0.164	0.99	1.000
OCDF	B D	192	0.0482	0.90	1.002
TOTAL TETRA-DIOXINS	D	8.13	0.0718		
TOTAL PENTA-DIOXINS	D	11.5	0.0484		
TOTAL HEXA-DIOXINS	D	92.0	0.255		
TOTAL HEPTA-DIOXINS	B D	816	0.133		
TOTAL TETRA-FURANS	D	29.9	0.178		
TOTAL PENTA-FURANS	D	41.1	0.0927		
TOTAL HEXA-FURANS	D	88.6	0.121		
TOTAL HEPTA-FURANS	D	210	0.164		

(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; D = dilution data; 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: _____ Teresa Rawsthorne _____ QA/QC Chemist

Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SS323-010
Sample Collection:
04-Oct-2006 09:43

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. 04-08-06-24

Lab Sample I.D.: L9375-7 LW (A)

Matrix: SOLID

Sample Size: 11.2 g (dry)

Sample Receipt Date: 10-Oct-2006

Initial Calibration Date: 10-Oct-2006

Extraction Date: 18-Oct-2006

Instrument ID: HR GC/MS

Analysis Date: 27-Oct-2006 Time: 14:05:00

GC Column ID: DB225

Extract Volume (uL): 50

Sample Data Filename: DB63_223 S: 12

Injection Volume (uL): 2.0

Blank Data Filename: N/A

Dilution Factor: 2.5

Cal. Ver. Data Filename: DB63_223 S: 3

Concentration Units: ng/kg (dry weight basis)

% Solids: 59.1

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDF	D J	1.37	0.0446	0.80	1.002

(1) Where applicable, custom lab flags have been used on this report; D = dilution data; 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: _____ Teresa Rawsthorne _____ 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-SS323-010 (Duplicate)
Sample Collection:
04-Oct-2006 09:43

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.	04-08-06-24
Matrix:	SOLID	Lab Sample I.D.:	WG20336-103 LW (DUP L9375-7)
Sample Receipt Date:	10-Oct-2006	Sample Size:	10.5 g (dry)
Extraction Date:	18-Oct-2006	Initial Calibration Date:	13-Oct-2006
Analysis Date:	27-Oct-2006 Time: 05:45:46	Instrument ID:	HR GC/MS
Extract Volume (uL):	50	GC Column ID:	DB5
Injection Volume (uL):	1.0	Sample Data Filename:	DX62_418B S: 12
Dilution Factor:	2.5	Blank Data Filename:	DX62_415 S: 6
Concentration Units:	ng/kg (dry weight basis)	Cal. Ver. Data Filename:	DX62_418B S: 2
		% Solids:	61.8

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD	D J	0.468	0.0723	0.68	1.001
1,2,3,7,8-PECDD ³	D J	1.34	0.103	0.64	1.000
1,2,3,4,7,8-HXCDD	D J	2.13	0.177	1.17	1.000
1,2,3,6,7,8-HXCDD	D J	11.3	0.177	1.16	1.000
1,2,3,7,8,9-HXCDD	D J	6.89	0.177	1.19	1.009
1,2,3,4,6,7,8-HPCDD	B D	317	0.213	1.05	1.000
OCDD	B D	2740	0.223	0.89	1.000
2,3,7,8-TCDF	D	4.77	0.257	0.81	1.002
1,2,3,7,8-PCDF	D J	1.06	0.106	1.56	1.001
2,3,4,7,8-PCDF	B D J	2.29	0.106	1.50	1.000
1,2,3,4,7,8-HXCDF	D J	7.04	0.170	1.22	1.000
1,2,3,6,7,8-HXCDF	D J	2.19	0.170	1.21	1.000
1,2,3,7,8,9-HXCDF	D J	0.236	0.170	1.09	1.000
2,3,4,6,7,8-HXCDF	D J	1.68	0.170	1.20	1.000
1,2,3,4,6,7,8-HPCDF	D	60.5	0.311	1.05	1.000
1,2,3,4,7,8,9-HPCDF	D J	4.63	0.311	0.99	1.000
OCDF	B D	214	0.0650	0.89	1.002
TOTAL TETRA-DIOXINS	D	5.92	0.0723		
TOTAL PENTA-DIOXINS	D	12.4	0.103		
TOTAL HEXA-DIOXINS	D	95.7	0.177		
TOTAL HEPTA-DIOXINS	B D	929	0.213		
TOTAL TETRA-FURANS	D	28.2	0.257		
TOTAL PENTA-FURANS	D	41.3	0.106		
TOTAL HEXA-FURANS	D	94.1	0.170		
TOTAL HEPTA-FURANS	D	239	0.311		

(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.
 (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: _____ Teresa Rawsthorne _____ QA/QC Chemist

Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SS323-010 (Duplicate)
Sample Collection:
04-Oct-2006 09:43

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.	04-08-06-24
Matrix:	SOLID	Lab Sample I.D.:	WG20336-103 LW (DUP L9375-7)
Sample Receipt Date:	10-Oct-2006	Sample Size:	10.5 g (dry)
Extraction Date:	18-Oct-2006	Initial Calibration Date:	10-Oct-2006
Analysis Date:	27-Oct-2006 Time: 14:40:39	Instrument ID:	HR GC/MS
Extract Volume (uL):	50	GC Column ID:	DB225
Injection Volume (uL):	2.0	Sample Data Filename:	DB63_223 S: 13
Dilution Factor:	2.5	Blank Data Filename:	N/A
Concentration Units:	ng/kg (dry weight basis)	Cal. Ver. Data Filename:	DB63_223 S: 3
		% Solids:	61.8

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDF	D J	1.21	0.0478	0.76	1.002

(1) Where applicable, custom lab flags have been used on this report; D = dilution data; 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: _____Teresa Rawsthorne_____ QA/QC Chemist

Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SS324-010
Sample Collection:
04-Oct-2006 10:22

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. 04-08-06-24

Lab Sample I.D.: L9375-8 LW

Matrix: SOLID

Sample Size: 11.0 g (dry)

Sample Receipt Date: 10-Oct-2006

Initial Calibration Date: 13-Oct-2006

Extraction Date: 18-Oct-2006

Instrument ID: HR GC/MS

Analysis Date: 27-Oct-2006 Time: 14:03:04

GC Column ID: DB5

Extract Volume (uL): 50

Sample Data Filename: DX62_419B S: 5

Injection Volume (uL): 1.0

Blank Data Filename: DX62_415 S: 6

Dilution Factor: 2.5

Cal. Ver. Data Filename: DX62_419A S: 1

Concentration Units: ng/kg (dry weight basis)

% Solids: 66.2

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD	D J	0.710	0.0989	0.69	1.001
1,2,3,7,8-PECDD ³	D J	1.45	0.0731	0.65	1.001
1,2,3,4,7,8-HXCDD	D J	2.10	0.224	1.18	1.000
1,2,3,6,7,8-HXCDD	D	13.0	0.224	1.20	1.000
1,2,3,7,8,9-HXCDD	D J	7.00	0.224	1.26	1.010
1,2,3,4,6,7,8-HPCDD	B D	433	0.226	1.05	1.000
OCDD	B D	3750	0.155	0.89	1.000
2,3,7,8-TCDF	D	15.8	0.201	0.78	1.002
1,2,3,7,8-PECDF	D J	1.30	0.152	1.58	1.000
2,3,4,7,8-PECDF	B D J	4.49	0.152	1.62	1.000
1,2,3,4,7,8-HXCDF	D	14.2	0.143	1.23	1.000
1,2,3,6,7,8-HXCDF	D J	3.85	0.143	1.22	1.000
1,2,3,7,8,9-HXCDF	D J	0.331	0.143	1.20	1.000
2,3,4,6,7,8-HXCDF	D J	1.99	0.143	1.31	1.000
1,2,3,4,6,7,8-HPCDF	D	82.5	0.175	1.01	1.000
1,2,3,4,7,8,9-HPCDF	D J	8.31	0.175	1.04	1.000
OCDF	B D	319	0.0460	0.89	1.002
TOTAL TETRA-DIOXINS	D	4.60	0.0989		
TOTAL PENTA-DIOXINS	D	11.3	0.0731		
TOTAL HEXA-DIOXINS	D	86.6	0.224		
TOTAL HEPTA-DIOXINS	B D	839	0.226		
TOTAL TETRA-FURANS	D	69.2	0.201		
TOTAL PENTA-FURANS	D	65.7	0.152		
TOTAL HEXA-FURANS	D	138	0.143		
TOTAL HEPTA-FURANS	D	337	0.175		

(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.

(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: _____ Teresa Rawsthorne _____ QA/QC Chemist

Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SS324-010
Sample Collection:
04-Oct-2006 10:22

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. 04-08-06-24

Lab Sample I.D.: L9375-8 LW

Matrix: SOLID

Sample Size: 11.0 g (dry)

Sample Receipt Date: 10-Oct-2006

Initial Calibration Date: 10-Oct-2006

Extraction Date: 18-Oct-2006

Instrument ID: HR GC/MS

Analysis Date: 27-Oct-2006 Time: 15:16:17

GC Column ID: DB225

Extract Volume (uL): 50

Sample Data Filename: DB63_223 S: 14

Injection Volume (uL): 2.0

Blank Data Filename: N/A

Dilution Factor: 2.5

Cal. Ver. Data Filename: DB63_223 S: 3

Concentration Units: ng/kg (dry weight basis)

% Solids: 66.2

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDF	D J	1.79	0.0456	0.68	1.001

(1) Where applicable, custom lab flags have been used on this report; D = dilution data; 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: _____Teresa Rawsthorne_____ QA/QC Chemist

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

E-7 Grain Size

Windward Environmental, LLC
LDW RI-Surface Sediment Chemistry 04-08-06-24

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			Total Fines
											Phi Size	8 to 9	9 to 10	
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	<4
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	<230 (<62)
LDW-SS306-010	1.5	1.5	14.8	59.3	20.0	1.5	0.3	0.2	0.1	0.2	0.0	0.1	0.6	1.4
LDW-SS306-010	3.2	1.3	14.3	57.8	20.3	1.6	0.2	0.1	0.2	0.2	0.0	0.1	0.7	1.4
LDW-SS306-010	4.3	1.6	14.3	57.8	19.4	1.5	0.0	0.0	0.1	0.2	0.1	0.0	0.7	1.1
LDW-SS344-010	0.9	16.7	41.5	16.0	6.8	7.5	3.6	2.2	1.6	1.2	0.7	0.5	0.9	10.6
LDW-SS342-010	0.4	10.5	38.5	28.5	9.9	3.6	2.1	2.1	1.5	1.0	0.6	0.4	0.9	8.6
LDW-SS343-010	0.1	2.5	13.0	21.3	6.7	11.9	13.0	14.7	9.2	3.4	1.4	0.4	2.4	44.5
LDW-SS341-010	3.7	3.0	15.0	33.9	12.5	9.9	4.5	5.8	3.9	3.1	2.1	1.2	1.5	22.1
LDW-SS339-010	0.2	0.9	3.8	40.1	23.0	9.3	5.6	5.5	4.2	3.0	2.0	1.1	1.5	22.8
LDW-SS340-010	1.5	2.0	7.4	23.3	24.6	12.1	10.6	6.7	4.7	2.7	1.6	0.9	1.8	29.0
LDW-SS338-010	0.6	1.0	0.9	2.6	9.4	16.8	14.6	17.4	14.3	8.2	4.0	3.3	6.9	68.7
LDW-SS336-010	2.5	2.8	3.1	8.9	8.6	15.9	16.6	15.5	10.1	5.3	2.8	3.4	4.4	58.2
LDW-SS301-010	8.6	3.7	9.5	37.0	18.8	4.1	2.6	3.5	3.6	2.6	1.7	1.5	2.7	18.2
LDW-SS302-010	1.6	1.9	2.3	12.8	16.4	7.9	5.2	14.2	14.1	6.2	4.6	4.3	8.6	57.2
LDW-SS305-010	26.7	8.0	5.6	7.3	7.5	6.7	5.5	10.2	7.9	4.2	2.7	2.6	5.3	38.3
LDW-SS307-010	23.9	5.4	3.7	5.4	6.6	6.9	8.8	8.6	8.6	6.8	4.4	3.6	7.2	48.0
LDW-SS308-010	0.0	0.7	1.2	6.4	7.8	18.2	9.9	14.5	13.3	9.0	5.6	4.3	9.1	65.7
LDW-SS309-010	0.2	1.0	1.2	5.1	6.2	12.1	14.2	15.2	14.2	10.0	6.4	4.6	9.7	74.2
LDW-SS310-010	1.3	1.3	2.2	8.3	5.5	11.0	12.7	14.6	14.0	9.8	5.7	4.8	8.9	70.5
LDW-SS311-010	8.5	6.2	7.6	10.9	10.3	11.1	8.8	12.9	8.3	4.2	2.6	1.8	6.7	45.4
LDW-SS312-010	7.5	3.3	5.4	12.1	23.5	27.5	6.2	4.9	2.6	1.7	1.1	0.2	3.9	20.7
LDW-SS403-010	7.2	4.0	9.6	37.5	19.7	4.1	3.0	3.2	3.3	2.6	1.7	1.5	2.5	17.8

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.

JZ53

Windward Environmental, llc
LDW RI-Round 3 Surface Sediment 04-08-06-24

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			Total Fines
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	<4
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	<230 (<62)
LDW-SS316-010	0.1	1.4	3.2	11.5	31.3	15.6	7.5	7.1	7.0	4.7	3.2	2.8	4.6	36.9
LDW-SS316-010	1.0	1.6	3.1	11.5	30.6	16.0	6.8	7.2	7.2	4.9	3.3	2.4	4.6	36.3
LDW-SS316-010	0.7	1.7	3.1	11.4	31.1	15.4	7.4	7.3	6.9	4.9	3.1	2.3	4.6	36.6
LDW-SS335-010	0.1	0.9	1.5	2.4	5.9	11.1	20.5	30.5	11.0	4.7	3.1	2.3	5.8	77.9
LDW-SS313-010	0.1	1.4	1.5	3.4	8.4	15.0	20.9	18.9	12.1	6.4	4.0	2.2	5.7	70.3
LDW-SS314-010	1.0	2.4	2.1	3.1	2.5	4.6	15.3	19.7	17.5	13.0	6.5	4.3	8.0	84.3
LDW-SS322-010	0.3	2.5	2.5	5.9	4.4	7.9	12.4	17.1	15.5	11.0	6.3	4.1	10.1	76.5
LDW-SS323-010	6.8	3.5	8.5	12.5	5.1	4.9	9.5	13.4	12.1	8.4	4.8	3.1	7.6	58.8
LDW-SS320-010	0.2	1.3	1.3	3.4	1.4	5.2	13.5	20.2	17.7	11.9	7.0	5.2	11.8	87.2
LDW-SS319-010	0.1	1.9	2.4	3.2	2.3	6.4	13.0	19.7	17.2	11.5	6.4	5.1	10.8	83.7
LDW-SS324-010	11.2	6.5	14.4	20.3	6.2	4.8	3.8	5.4	6.7	5.3	4.2	3.5	7.8	36.6
LDW-SS321-010	5.0	4.8	12.6	23.8	10.1	6.9	7.2	6.5	7.2	5.2	3.1	2.4	5.3	36.9
LDW-SS318-010	3.6	2.2	4.7	12.8	15.0	18.6	10.9	8.1	7.4	5.7	3.2	2.4	5.5	43.2
LDW-SS317-010	0.6	1.1	2.3	6.6	9.2	13.9	12.7	12.4	13.5	9.5	5.5	3.9	8.9	66.3
LDW-SS315-010	0.1	0.8	3.1	5.5	4.4	4.9	4.0	5.3	17.3	12.0	9.5	9.5	23.6	81.1
LDW-SS303-010	6.3	29.0	9.3	18.1	7.7	3.5	3.6	5.1	5.1	3.8	2.6	2.1	3.9	26.2
LDW-SS325-010	17.1	2.4	3.1	4.7	4.0	6.1	10.3	15.0	13.7	7.4	4.3	3.6	8.3	62.6
LDW-SS326-010	0.0	3.8	3.8	5.6	3.6	12.0	18.6	19.4	11.8	9.3	4.2	3.0	4.9	71.2
LDW-SS304-010	20.5	5.5	11.6	13.7	3.4	2.7	4.6	6.9	8.7	7.2	4.4	3.5	7.2	42.6

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.

KA18

Windward Environmental, LLC
LDW R1-R3 Surface Sediments 04-08-06-24

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			Total Fines
											Phi Size	8 to 9	9 to 10	
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	<4
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	<230 (<62)
LDW-SS337-010	0.2	0.9	1.4	2.6	24.0	24.2	14.0	11.8	8.0	4.8	2.3	1.7	4.3	46.7
LDW-SS337-010	0.1	0.7	1.7	2.9	23.4	24.8	13.5	12.0	8.1	4.7	2.2	1.8	4.1	46.4
LDW-SS337-010	0.2	1.0	1.4	2.7	24.1	24.2	13.6	11.9	8.1	4.6	2.3	1.8	4.2	46.5
LDW-SS330-010	1.1	1.8	1.7	1.9	1.0	2.7	8.5	20.8	22.6	14.1	7.5	5.6	10.6	89.8
LDW-SS327-010	0.8	1.1	7.6	28.2	15.4	4.8	4.8	9.4	9.7	6.4	3.5	2.7	5.5	42.1
LDW-SS328-010	0.3	1.1	3.1	7.6	4.9	10.8	15.6	19.2	16.8	6.7	3.9	3.0	7.1	72.4
LDW-SS329-010	1.6	1.9	10.4	14.3	25.6	19.7	4.4	5.1	5.6	3.6	2.5	1.8	3.5	26.5
LDW-SS401-010	2.2	1.5	10.2	39.9	11.7	8.3	4.8	4.7	5.3	3.6	2.4	1.8	3.6	26.2
LDW-SS331-010	1.9	1.1	3.2	9.0	14.2	23.5	22.1	12.2	5.4	2.1	1.2	1.3	2.9	47.2
LDW-SS332-010	6.0	2.2	7.1	25.1	22.8	15.9	9.9	3.7	2.5	1.6	0.9	0.6	1.6	20.9
LDW-SS334-010	0.5	3.6	27.6	47.2	8.6	4.7	2.5	1.6	1.2	0.7	0.4	0.3	1.0	7.8
LDW-SS333-010	0.1	0.6	5.8	19.8	15.0	19.7	12.6	8.9	6.0	4.0	2.4	1.8	3.2	38.9
LDW-SS402-010	0.2	0.6	1.5	2.8	23.6	24.9	15.7	10.8	7.4	4.4	2.2	1.7	4.2	46.4

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.

JZ15

E-8 Conventional Parameters

SAMPLE RESULTS-CONVENTIONALS
JZ53-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 10/13/06

Project: LDW RI-Surface Sediment Chem
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Client ID: LDW-SS301-010
ARI ID: 06-18593 JZ53J

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/05/06 100506#1	EPA 160.3	Percent	0.01	67.50
Total Organic Carbon	10/11/06 101106#1	Plumb,1981	Percent	0.020	1.55

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JZ53-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 10/13/06

Project: LDW RI-Surface Sediment Chem
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Client ID: LDW-SS403-010
ARI ID: 06-18604 JZ53U

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/05/06 100506#1	EPA 160.3	Percent	0.01	66.80
Total Organic Carbon	10/11/06 101106#1	Plumb, 1981	Percent	0.020	1.95

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JZ53-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 10/13/06

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

Project: LDW RI-Surface Sediment Chem
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Client ID: LDW-SS302-010
ARI ID: 06-18594 JZ53K

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/05/06 100506#1	EPA 160.3	Percent	0.01	49.70
Total Organic Carbon	10/06/06 100606#1	Plumb, 1981	Percent	0.020	2.32

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
KA18-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 10/25/06

Project: LDW RI-Round 3 Surface Sedim
Event: 04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Client ID: LDW-SS303-010
ARI ID: 06-18980 KA18N

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/12/06 101206#2	EPA 160.3	Percent	0.01	64.20
Total Organic Carbon	10/23/06 102306#2	Plumb, 1981	Percent	0.020	1.31

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
KA18-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 10/25/06

Project: LDW RI-Round 3 Surface Sedim
Event: 04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Client ID: LDW-SS304-010
ARI ID: 06-18984 KA18R

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/12/06 101206#2	EPA 160.3	Percent	0.01	63.70
Total Organic Carbon	10/18/06 101806#1	Plumb, 1981	Percent	0.020	1.77

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JZ53-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 10/13/06

Project: LDW RI-Surface Sediment Chem
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Client ID: LDW-SS305-010
ARI ID: 06-18595 JZ53L

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/05/06 100506#1	EPA 160.3	Percent	0.01	50.70
Total Organic Carbon	10/11/06 101106#1	Plumb,1981	Percent	0.020	3.01

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JZ53-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 10/13/06

Project: LDW RI-Surface Sediment Chem
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Client ID: LDW-SS306-010
ARI ID: 06-18597 JZ53N

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/05/06 100506#1	EPA 160.3	Percent	0.01	78.50
Total Organic Carbon	10/06/06 100606#1	Plumb,1981	Percent	0.020	0.284

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JZ53-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 10/13/06

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

Project: LDW RI-Surface Sediment Chem
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Client ID: LDW-SS307-010
ARI ID: 06-18596 JZ53M

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/05/06 100506#1	EPA 160.3	Percent	0.01	57.60
Total Organic Carbon	10/11/06 101106#1	Plumb, 1981	Percent	0.020	2.11

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JZ53-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 10/13/06

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

Project: LDW RI-Surface Sediment Chem
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Client ID: LDW-SS308-010
ARI ID: 06-18598 JZ530

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/05/06 100506#1	EPA 160.3	Percent	0.01	52.40
Total Organic Carbon	10/06/06 100606#1	Plumb, 1981	Percent	0.020	1.83

RL Analytical reporting limit
U Undetected at reported detection limit

REPLICATE RESULTS-CONVENTIONALS
JZ53-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 10/13/06

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

Project: LDW RI-Surface Sediment Chem
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Analyte	Date	Units	Sample	Replicate (s)	RPD/RSD
ARI ID: JZ530 Client ID: LDW-SS308-010					
Total Solids	10/05/06	Percent	52.40	52.30 53.10	0.8%
Total Organic Carbon	10/06/06	Percent	1.83	2.13 1.66	12.7%

SAMPLE RESULTS-CONVENTIONALS
JZ53-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 10/13/06

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

Project: LDW RI-Surface Sediment Chem
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Client ID: LDW-SS309-010
ARI ID: 06-18600 JZ53Q

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/05/06 100506#1	EPA 160.3	Percent	0.01	50.00
Total Organic Carbon	10/06/06 100606#1	Plumb,1981	Percent	0.020	2.02

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JZ53-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 10/13/06

Project: LDW RI-Surface Sediment Chem
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Client ID: LDW-SS310-010
ARI ID: 06-18601 JZ53R

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/05/06 100506#1	EPA 160.3	Percent	0.01	49.50
Total Organic Carbon	10/06/06 100606#1	Plumb,1981	Percent	0.020	1.63

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JZ53-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 10/13/06

Project: LDW RI-Surface Sediment Chem
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Client ID: LDW-SS311-010
ARI ID: 06-18602 JZ53S

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/09/06 100906#4	EPA 160.3	Percent	0.01	34.20
Total Organic Carbon	10/11/06 101106#1	Plumb, 1981	Percent	0.020	4.36

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JZ53-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 10/13/06

Project: LDW RI-Surface Sediment Chem
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06


Client ID: LDW-SS312-010
ARI ID: 06-18603 JZ53T

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/09/06 100906#4	EPA 160.3	Percent	0.01	42.80
Total Organic Carbon	10/11/06 101106#1	Plumb, 1981	Percent	0.020	4.20

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
KA18-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 10/25/06

Project: LDW RI-Round 3 Surface Sedim
Event: 04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Client ID: LDW-SS313-010
ARI ID: 06-18968 KA18B

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/12/06 101206#2	EPA 160.3	Percent	0.01	47.20
Total Organic Carbon	10/18/06 101806#1	Plumb, 1981	Percent	0.020	1.95

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
KA18-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 10/25/06

Project: LDW RI-Round 3 Surface Sedim
Event: 04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Client ID: LDW-SS314-010
ARI ID: 06-18969 KA18C

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/12/06 101206#2	EPA 160.3	Percent	0.01	48.30
Total Organic Carbon	10/18/06 101806#1	Plumb, 1981	Percent	0.020	2.81

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
KA18-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 10/25/06

Project: LDW RI-Round 3 Surface Sedim
Event: 04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Client ID: LDW-SS315-010
ARI ID: 06-18979 KA18M

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/12/06 101206#2	EPA 160.3	Percent	0.01	50.50
Total Organic Carbon	10/18/06 101806#1	Plumb, 1981	Percent	0.020	1.74

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
KA18-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 10/25/06

Project: LDW RI-Round 3 Surface Sedim
Event: 04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Client ID: LDW-SS316-010
ARI ID: 06-18978 KA18L

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/12/06 101206#2	EPA 160.3	Percent	0.01	64.90
Total Organic Carbon	10/18/06 101806#1	Plumb, 1981	Percent	0.020	1.20

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
KA18-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 10/25/06

Project: LDW RI-Round 3 Surface Sedim
Event: 04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Client ID: LDW-SS317-010
ARI ID: 06-18977 KA18K

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/12/06 101206#2	EPA 160.3	Percent	0.01	55.80
Total Organic Carbon	10/18/06 101806#1	Plumb,1981	Percent	0.020	1.49

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
KA18-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 10/25/06

Project: LDW RI-Round 3 Surface Sedim
Event: 04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Client ID: LDW-SS318-010
ARI ID: 06-18976 KA18J

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/12/06 101206#2	EPA 160.3	Percent	0.01	63.80
Total Organic Carbon	10/18/06 101806#1	Plumb,1981	Percent	0.020	1.64

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
KA18-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 10/25/06

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

Project: LDW RI-Round 3 Surface Sedim
Event: 04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06


Client ID: LDW-SS319-010
ARI ID: 06-18973 KA18G

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/12/06 101206#2	EPA 160.3	Percent	0.01	45.00
Total Organic Carbon	10/18/06 101806#1	Plumb, 1981	Percent	0.020	2.74

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
KA18-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 10/25/06

Project: LDW RI-Round 3 Surface Sedim
Event: 04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Client ID: LDW-SS320-010
ARI ID: 06-18972 KA18F

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/12/06 101206#2	EPA 160.3	Percent	0.01	45.00
Total Organic Carbon	10/18/06 101806#1	Plumb, 1981	Percent	0.020	1.90

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
KA18-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized:
Reported: 10/25/06

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

Project: LDW RI-Round 3 Surface Sedim
Event: 04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06


Client ID: LDW-SS321-010
ARI ID: 06-18975 KA18I

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/12/06 101206#2	EPA 160.3	Percent	0.01	69.10
Total Organic Carbon	10/18/06 101806#1	Plumb, 1981	Percent	0.020	1.43

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
KA18-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 10/25/06

Project: LDW RI-Round 3 Surface Sedim
Event: 04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Client ID: LDW-SS322-010
ARI ID: 06-18970 KA18D

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/12/06 101206#2	EPA 160.3	Percent	0.01	48.30
Total Organic Carbon	10/18/06 101806#1	Plumb, 1981	Percent	0.020	0.766

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
KA18-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 10/25/06

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

Project: LDW RI-Round 3 Surface Sedim
Event: 04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Client ID: LDW-SS323-010
ARI ID: 06-18971 KA18E

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/12/06 101206#2	EPA 160.3	Percent	0.01	59.00
Total Organic Carbon	10/18/06 101806#1	Plumb, 1981	Percent	0.020	1.74

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
KA18-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 10/25/06

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

Project: LDW RI-Round 3 Surface Sedim
Event: 04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Client ID: LDW-SS324-010
ARI ID: 06-18974 KA18H

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/12/06 101206#2	EPA 160.3	Percent	0.01	68.30
Total Organic Carbon	10/18/06 101806#1	Plumb,1981	Percent	0.020	1.05

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
KA18-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 10/25/06

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

Project: LDW RI-Round 3 Surface Sedim
Event: 04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Client ID: LDW-SS325-010
ARI ID: 06-18982 KA18P

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/12/06 101206#2	EPA 160.3	Percent	0.01	50.10
Total Organic Carbon	10/18/06 101806#1	Plumb, 1981	Percent	0.020	2.11

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
KA18-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 10/25/06

Project: LDW RI-Round 3 Surface Sedim
Event: 04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Client ID: LDW-SS326-010
ARI ID: 06-18983 KA18Q

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/12/06 101206#2	EPA 160.3	Percent	0.01	47.30
Total Organic Carbon	10/18/06 101806#1	Plumb, 1981	Percent	0.020	2.33

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JZ15-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 10/11/06

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

Project: LDW R1-R3 Surface Sediment
Event: 04-08-06-24
Date Sampled: 10/02/06
Date Received: 10/02/06


Client ID: LDW-SS327-010
ARI ID: 06-18342 JZ15B

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/04/06 100406#1	EPA 160.3	Percent	0.01	59.80
Total Organic Carbon	10/05/06 100506#1	Plumb,1981	Percent	0.020	1.84

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JZ15-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 10/11/06

Project: LDW R1-R3 Surface Sediment
Event: 04-08-06-24
Date Sampled: 10/02/06
Date Received: 10/02/06

Client ID: LDW-SS328-010
ARI ID: 06-18343 JZ15C

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/04/06 100406#1	EPA 160.3	Percent	0.01	55.30
Total Organic Carbon	10/05/06 100506#1	Plumb,1981	Percent	0.020	1.78

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JZ15-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 10/11/06

A handwritten signature in black ink, appearing to be a stylized 'A' or similar character.

Project: LDW R1-R3 Surface Sediment
Event: 04-08-06-24
Date Sampled: 10/02/06
Date Received: 10/02/06


Client ID: LDW-SS329-010
ARI ID: 06-18344 JZ15D

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/04/06 100406#1	EPA 160.3	Percent	0.01	70.30
Total Organic Carbon	10/05/06 100506#1	Plumb,1981	Percent	0.020	0.972

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JZ15-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 10/11/06

Project: LDW R1-R3 Surface Sediment
Event: 04-08-06-24
Date Sampled: 10/02/06
Date Received: 10/02/06


Client ID: LDW-SS401-010
ARI ID: 06-18345 JZ15E

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/04/06 100406#1	EPA 160.3	Percent	0.01	68.80
Total Organic Carbon	10/05/06 100506#1	Plumb, 1981	Percent	0.020	1.59

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JZ15-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 10/11/06

Project: LDW R1-R3 Surface Sediment
Event: 04-08-06-24
Date Sampled: 10/02/06
Date Received: 10/02/06


Client ID: LDW-SS330-010
ARI ID: 06-18341 JZ15A

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/04/06 100406#1	EPA 160.3	Percent	0.01	40.30
Total Organic Carbon	10/05/06 100506#1	Plumb,1981	Percent	0.020	2.56

RL Analytical reporting limit
U Undetected at reported detection limit

REPLICATE RESULTS-CONVENTIONALS
JZ15-Windward Environmental, LLC




Matrix: Sediment
Data Release Authorized: 
Reported: 10/11/06

Project: LDW R1-R3 Surface Sediment
Event: 04-08-06-24
Date Sampled: 10/02/06
Date Received: 10/02/06

Analyte	Date	Units	Sample	Replicate (s)	RPD/RSD
ARI ID: JZ15A Client ID: LDW-SS330-010					
Total Solids	10/04/06	Percent	40.30	41.00 40.70	0.9%
Total Organic Carbon	10/05/06	Percent	2.56	2.49 2.67	3.5%

SAMPLE RESULTS-CONVENTIONALS
JZ15-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 10/11/06

Project: LDW R1-R3 Surface Sediment
Event: 04-08-06-24
Date Sampled: 10/02/06
Date Received: 10/02/06


Client ID: LDW-SS331-010
ARI ID: 06-18346 JZ15F

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/04/06 100406#1	EPA 160.3	Percent	0.01	48.30
Total Organic Carbon	10/05/06 100506#1	Plumb, 1981	Percent	0.020	1.32

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JZ15-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 10/11/06

Project: LDW R1-R3 Surface Sediment
Event: 04-08-06-24
Date Sampled: 10/02/06
Date Received: 10/02/06


Client ID: LDW-SS332-010
ARI ID: 06-18347 JZ15G

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/04/06 100406#1	EPA 160.3	Percent	0.01	66.00
Total Organic Carbon	10/05/06 100506#1	Plumb,1981	Percent	0.020	1.42

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JZ15-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 10/11/06

Project: LDW R1-R3 Surface Sediment
Event: 04-08-06-24
Date Sampled: 10/02/06
Date Received: 10/02/06

Client ID: LDW-SS333-010
ARI ID: 06-18349 JZ15I

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/04/06 100406#1	EPA 160.3	Percent	0.01	59.80
Total Organic Carbon	10/05/06 100506#1	Plumb, 1981	Percent	0.020	1.66

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JZ15-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 10/11/06

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

Project: LDW R1-R3 Surface Sediment
Event: 04-08-06-24
Date Sampled: 10/02/06
Date Received: 10/02/06

Client ID: LDW-SS334-010
ARI ID: 06-18348 JZ15H

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/04/06 100406#1	EPA 160.3	Percent	0.01	73.90
Total Organic Carbon	10/05/06 100506#1	Plumb,1981	Percent	0.020	0.909

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
KA18-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 10/25/06

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

Project: LDW RI-Round 3 Surface Sedim
Event: 04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06


Client ID: LDW-SS335-010
ARI ID: 06-18967 KA18A

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/12/06 101206#2	EPA 160.3	Percent	0.01	38.50
Total Organic Carbon	10/18/06 101806#1	Plumb, 1981	Percent	0.020	2.67

RL Analytical reporting limit
U Undetected at reported detection limit

REPLICATE RESULTS-CONVENTIONALS
KA18-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 10/25/06

Project: LDW RI-Round 3 Surface Sedim
Event: 04-08-06-24
Date Sampled: 10/04/06
Date Received: 10/04/06

Analyte	Date	Units	Sample	Replicate (s)	RPD/RSD
ARI ID: KA18A Client ID: LDW-SS335-010					
Total Solids	10/12/06	Percent	38.50	38.30 38.40	0.3%
Total Organic Carbon	10/18/06	Percent	2.67	3.30 2.92	10.7%

SAMPLE RESULTS-CONVENTIONALS
JZ53-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized *[Signature]*
Reported: 10/13/06

Project: LDW RI-Surface Sediment Chem
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06


Client ID: LDW-SS336-010
ARI ID: 06-18592 JZ53I

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/05/06 100506#1	EPA 160.3	Percent	0.01	45.80
Total Organic Carbon	10/06/06 100606#1	Plumb,1981	Percent	0.020	2.09

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JZ15-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 10/11/06

Project: LDW R1-R3 Surface Sediment
Event: 04-08-06-24
Date Sampled: 10/02/06
Date Received: 10/02/06

Client ID: LDW-SS337-010
ARI ID: 06-18350 JZ15J

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/04/06 100406#1	EPA 160.3	Percent	0.01	55.80
Total Organic Carbon	10/05/06 100506#1	Plumb,1981	Percent	0.020	2.20

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JZ15-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 10/11/06

Project: LDW R1-R3 Surface Sediment
Event: 04-08-06-24
Date Sampled: 10/02/06
Date Received: 10/02/06

Client ID: LDW-SS402-010
ARI ID: 06-18351 JZ15K

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/04/06 100406#1	EPA 160.3	Percent	0.01	56.10
Total Organic Carbon	10/05/06 100506#1	Plumb,1981	Percent	0.020	2.16

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JZ53-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 10/13/06

Project: LDW RI-Surface Sediment Chem
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06


Client ID: LDW-SS338-010
ARI ID: 06-18591 JZ53H

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/05/06 100506#1	EPA 160.3	Percent	0.01	48.50
Total Organic Carbon	10/06/06 100606#1	Plumb, 1981	Percent	0.020	1.99

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JZ53-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 10/13/06

Project: LDW RI-Surface Sediment Chem
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Client ID: LDW-SS339-010
ARI ID: 06-18589 JZ53F

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/05/06 100506#1	EPA 160.3	Percent	0.01	73.90
Total Organic Carbon	10/06/06 100606#1	Plumb, 1981	Percent	0.020	2.04

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JZ53-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 10/13/06

Project: LDW RI-Surface Sediment Chem
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06


Client ID: LDW-SS340-010
ARI ID: 06-18590 JZ53G

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/05/06 100506#1	EPA 160.3	Percent	0.01	57.30
Total Organic Carbon	10/06/06 100606#1	Plumb,1981	Percent	0.020	1.80

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JZ53-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 10/13/06

Project: LDW RI-Surface Sediment Chem
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Client ID: LDW-SS341-010
ARI ID: 06-18588 JZ53E

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/05/06 100506#1	EPA 160.3	Percent	0.01	70.80
Total Organic Carbon	10/06/06 100606#1	Plumb,1981	Percent	0.020	2.08

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JZ53-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 10/13/06

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

Project: LDW RI-Surface Sediment Chem
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Client ID: LDW-SS342-010
ARI ID: 06-18586 JZ53C

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/05/06 100506#1	EPA 160.3	Percent	0.01	70.30
Total Organic Carbon	10/06/06 100606#1	Plumb, 1981	Percent	0.020	1.70

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JZ53-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 10/13/06

Project: LDW RI-Surface Sediment Chem
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Client ID: LDW-SS343-010
ARI ID: 06-18587 JZ53D

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/05/06 100506#1	EPA 160.3	Percent	0.01	62.40
Total Organic Carbon	10/06/06 100606#1	Plumb, 1981	Percent	0.020	2.68

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JZ53-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 10/13/06

Project: LDW RI-Surface Sediment Chem
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06


Client ID: LDW-SS344-010
ARI ID: 06-18585 JZ53B

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/05/06 100506#1	EPA 160.3	Percent	0.01	72.90
Total Organic Carbon	10/06/06 100606#1	Plumb,1981	Percent	0.020	1.39

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JZ53-Windward Environmental, LLC



Matrix: Water
Data Release Authorized: 
Reported: 10/13/06

Project: LDW RI-Surface Sediment Chem
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Client ID: LDW-SS308-RB
ARI ID: 06-18599 JZ53P

Analyte	Date Batch	Method	Units	RL	Sample
Total Organic Carbon	10/09/06 100906#1	EPA 415.1	mg/L	1.50	< 1.50 U

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JZ53-Windward Environmental, LLC



Matrix: Water
Data Release Authorized: *[Signature]*
Reported: 10/13/06

Project: LDW RI-Surface Sediment Chem
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Client ID: LDW-SS344-RB
ARI ID: 06-18584 JZ53A

Analyte	Date Batch	Method	Units	RL	Sample
Total Organic Carbon	10/09/06 100906#1	EPA 415.1	mg/L	1.50	< 1.50 U

RL Analytical reporting limit
U Undetected at reported detection limit

REPLICATE RESULTS-CONVENTIONALS
JZ53-Windward Environmental, LLC



Matrix: Water
Data Release Authorized
Reported: 10/13/06

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

Project: LDW RI-Surface Sediment Chem
Event: 04-08-06-24
Date Sampled: 10/03/06
Date Received: 10/03/06

Analyte	Method	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: JZ53A Client ID: LDW-SS344-RB						
Total Organic Carbon	EPA 415.1	10/09/06	mg/L	< 1.50	< 1.50	NA