

# APPENDIX E    RAW ANALYTICAL LABORATORY DATA

---

- E-1    **Metals**
- E-2    **Organometals**
- E-3    **SVOCs– Full Scan**
- E-4    **SVOCs – SIM**
- E-5    **PCBs**
- E-6    **Organochlorine Pesticides**
- E-7    **Dioxins/Furans**
- E-8    **Grain Size**
- E-9    **Conventional Parameters**
- E-10    **Geotechnical (ordered by SDG)**

*Dry Density*

*Wet Density*

*Moisture*

*Specific Gravity*

*Atterberg Limits Classification, Liquid limit, Plastic Limit, Plasticity Index*

*Porosity*

- E-11    **VOCs**
- E-12    **Salinity and Conductivity**

## E-4 SVOCs – SIM

---

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC1-0-.5

Page 1 of 1

SAMPLE

Lab Sample ID: JL31A

QC Report No: JL31-Windward Environmental, LLC

LIMS ID: 06-9354

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: **VTB**

Date Sampled: 02/09/06

Reported: 06/30/06

Date Received: 02/09/06

Date Extracted: 06/12/06

Sample Amount: 32.5 g-dry-wt

Date Analyzed: 06/19/06 21:03

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 45.9%

Silica Gel Cleanup: No

pH: 7.3

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a,h) anthracene    | 6.2 | 50      |
| 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 |
| 85-68-7    | Butylbenzylphthalate       | 6.2 | 46      |
| 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 Y  |
| 87-86-5    | Pentachlorophenol          | 31  | 14 J    |
| 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       | 52.0% | d5-Phenol         | 61.9% |
| 2-Fluorophenol         | 76.5% | d4-2-Chlorophenol | 71.7% |
| d4-1,2-Dichlorobenzene | 63.2% | d5-Nitrobenzene   | 43.2% |
| 2,4,6-Tribromophenol   | 76.0% | d14-p-Terphenyl   | 44.8% |

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC1-0-.5**

Page 1 of 1

**DILUTION**

Lab Sample ID: JL31A

QC Report No: JL31-Windward Environmental, LLC

LIMS ID: 06-9354

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: **VTS**

Date Sampled: 02/09/06

Reported: 06/30/06

Date Received: 02/09/06

Date Extracted: 06/12/06

Sample Amount: 32.5 g-dry-wt

Date Analyzed: 06/20/06 22:46

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 45.9%

Silica Gel Cleanup: No

pH: 7.3

| CAS Number | Analyte                    | RL | Result |
|------------|----------------------------|----|--------|
| 53-70-3    | Dibenz(a,h)anthracene      | 18 | 74     |
| 106-46-7   | 1,4-Dichlorobenzene        | 18 | < 18 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 18 | < 18 U |
| 118-74-1   | Hexachlorobenzene          | 18 | < 18 U |
| 87-68-3    | Hexachlorobutadiene        | 18 | < 18 U |
| 85-68-7    | Butylbenzylphthalate       | 18 | 48     |
| 95-48-7    | 2-Methylphenol             | 18 | < 18 U |
| 105-67-9   | 2,4-Dimethylphenol         | 18 | < 18 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 18 | < 18 U |
| 100-51-6   | Benzyl Alcohol             | 92 | < 92 U |
| 87-86-5    | Pentachlorophenol          | 92 | < 92 U |
| 95-50-1    | 1,2-Dichlorobenzene        | 18 | < 18 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 92 | < 92 U |
| 62-75-9    | N-Nitrosodimethylamine     | 92 | < 92 U |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 92.4% | d5-Phenol         | 60.6% |
| 2-Fluorophenol         | 65.7% | d4-2-Chlorophenol | 71.0% |
| d4-1,2-Dichlorobenzene | 59.0% | d5-Nitrobenzene   | 59.0% |
| 2,4,6-Tribromophenol   | 102%  | d14-p-Terphenyl   | 80.3% |



**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC1-.5-1

Page 1 of 1

SAMPLE

Lab Sample ID: JL31B

QC Report No: JL31-Windward Environmental, LLC

LIMS ID: 06-9355

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: **VTS**

Date Sampled: 02/09/06

Reported: 06/30/06

Date Received: 02/09/06

Date Extracted: 06/12/06

Sample Amount: 32.1 g-dry-wt

Date Analyzed: 06/19/06 21:41

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 41.8%

Silica Gel Cleanup: No

pH: 7.7

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.2 | 27      |
| 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 |
| 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  $\mu\text{g}/\text{kg}$  (ppb)

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 48.4% | d5-Phenol         | 60.0% |
| 2-Fluorophenol         | 97.3% | d4-2-Chlorophenol | 66.7% |
| d4-1,2-Dichlorobenzene | 59.6% | d5-Nitrobenzene   | 37.8% |
| 2,4,6-Tribromophenol   | 66.1% | d14-p-Terphenyl   | 50.0% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC1-.5-1

Page 1 of 1

DILUTION

Lab Sample ID: JL31B

QC Report No: JL31-Windward Environmental, LLC

LIMS ID: 06-9355

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: **VTS**

Date Sampled: 02/09/06

Reported: 06/30/06

Date Received: 02/09/06

Date Extracted: 06/12/06

Sample Amount: 32.1 g-dry-wt

Date Analyzed: 06/20/06 23:20

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 41.8%

Silica Gel Cleanup: No

pH: 7.7

| CAS Number | Analyte                    | RL | Result |
|------------|----------------------------|----|--------|
| 53-70-3    | Dibenz (a, h) anthracene   | 19 | 37     |
| 106-46-7   | 1,4-Dichlorobenzene        | 19 | < 19 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 19 | < 19 U |
| 118-74-1   | Hexachlorobenzene          | 19 | < 19 U |
| 87-68-3    | Hexachlorobutadiene        | 19 | < 19 U |
| 85-68-7    | Butylbenzylphthalate       | 19 | 34     |
| 95-48-7    | 2-Methylphenol             | 19 | < 19 U |
| 105-67-9   | 2,4-Dimethylphenol         | 19 | < 19 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 19 | < 19 U |
| 100-51-6   | Benzyl Alcohol             | 94 | < 94 U |
| 87-86-5    | Pentachlorophenol          | 94 | < 94 U |
| 95-50-1    | 1,2-Dichlorobenzene        | 19 | < 19 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 94 | < 94 U |
| 62-75-9    | N-Nitrosodimethylamine     | 94 | < 94 U |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 47.3% | d5-Phenol         | 60.6% |
| 2-Fluorophenol         | 71.5% | d4-2-Chlorophenol | 67.0% |
| d4-1,2-Dichlorobenzene | 56.8% | d5-Nitrobenzene   | 58.1% |
| 2,4,6-Tribromophenol   | 51.0% | d14-p-Terphenyl   | 74.6% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC1-1-1.5

Page 1 of 1

SAMPLE

Lab Sample ID: JL31C

QC Report No: JL31-Windward Environmental, LLC

LIMS ID: 06-9356

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: **VTB**

Date Sampled: 02/09/06

Reported: 06/30/06

Date Received: 02/09/06

Date Extracted: 06/12/06

Sample Amount: 32.6 g-dry-wt

Date Analyzed: 06/20/06 00:08

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 50.1%

Silica Gel Cleanup: No

pH: 7.9

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.1 | 23      |
| 106-46-7   | 1,4-Dichlorobenzene        | 6.1 | 9.2     |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 6.1 | 20      |
| 118-74-1   | Hexachlorobenzene          | 6.1 | < 6.1 U |
| 87-68-3    | Hexachlorobutadiene        | 6.1 | < 6.1 U |
| 85-68-7    | Butylbenzylphthalate       | 6.1 | 98      |
| 95-48-7    | 2-Methylphenol             | 6.1 | 9.2 M   |
| 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 | 13      |
| 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       | 56.0% | d5-Phenol         | 60.0% |
| 2-Fluorophenol         | 92.8% | d4-2-Chlorophenol | 69.6% |
| d4-1,2-Dichlorobenzene | 62.0% | d5-Nitrobenzene   | 37.0% |
| 2,4,6-Tribromophenol   | 103%  | d14-p-Terphenyl   | 50.4% |

ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS

Page 1 of 1

Sample ID: LDW-SC1-1-1.5

DILUTION



Lab Sample ID: JL31C

LIMS ID: 06-9356

Matrix: Sediment

Data Release Authorized: **VTS**

Reported: 06/30/06

QC Report No: JL31-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

Event: 05-08-06-32

Date Sampled: 02/09/06

Date Received: 02/09/06

Date Extracted: 06/12/06

Date Analyzed: 06/20/06 23:54

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: 3.00

Percent Moisture: 50.1%

pH: 7.9

| CAS Number | Analyte                    | RL | Result |
|------------|----------------------------|----|--------|
| 53-70-3    | Dibenz (a, h) anthracene   | 18 | 39     |
| 106-46-7   | 1,4-Dichlorobenzene        | 18 | < 18 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 18 | 17 J   |
| 118-74-1   | Hexachlorobenzene          | 18 | < 18 U |
| 87-68-3    | Hexachlorobutadiene        | 18 | < 18 U |
| 85-68-7    | Butylbenzylphthalate       | 18 | 100    |
| 95-48-7    | 2-Methylphenol             | 18 | < 18 U |
| 105-67-9   | 2,4-Dimethylphenol         | 18 | < 18 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 18 | < 18 U |
| 100-51-6   | Benzyl Alcohol             | 92 | < 92 U |
| 87-86-5    | Pentachlorophenol          | 92 | < 92 U |
| 95-50-1    | 1,2-Dichlorobenzene        | 18 | 13 J   |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 92 | < 92 U |
| 62-75-9    | N-Nitrosodimethylamine     | 92 | < 92 U |

Reported in µg/kg (ppb)

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 62.8% | d5-Phenol         | 60.0% |
| 2-Fluorophenol         | 64.3% | d4-2-Chlorophenol | 64.5% |
| d4-1,2-Dichlorobenzene | 55.1% | d5-Nitrobenzene   | 58.9% |
| 2,4,6-Tribromophenol   | 72.3% | d14-p-Terphenyl   | 72.0% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC1-1.5-2

Page 1 of 1

SAMPLE

Lab Sample ID: JL31D

QC Report No: JL31-Windward Environmental, LLC

LIMS ID: 06-9357

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: **VTS**

Date Sampled: 02/09/06

Reported: 06/30/06

Date Received: 02/09/06

Date Extracted: 06/12/06

Sample Amount: 32.5 g-dry-wt

Date Analyzed: 06/20/06 00:46

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 54.4%

Silica Gel Cleanup: No

pH: 7.8

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.2 | 39      |
| 106-46-7   | 1,4-Dichlorobenzene        | 6.2 | 6.8     |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 6.2 | 14      |
| 118-74-1   | Hexachlorobenzene          | 6.2 | < 6.2 U |
| 87-68-3    | Hexachlorobutadiene        | 6.2 | < 6.2 U |
| 85-68-7    | Butylbenzylphthalate       | 6.2 | 93      |
| 95-48-7    | 2-Methylphenol             | 6.2 | 14 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  | < 31 U  |
| 87-86-5    | Pentachlorophenol          | 31  | < 31 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 6.2 | 9.2     |
| 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       | 57.6% | d5-Phenol         | 60.0% |
| 2-Fluorophenol         | 93.9% | d4-2-Chlorophenol | 66.1% |
| d4-1,2-Dichlorobenzene | 58.0% | d5-Nitrobenzene   | 28.0% |
| 2,4,6-Tribromophenol   | 104%  | d14-p-Terphenyl   | 50.0% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC1-1.5-2

Page 1 of 1

DILUTION

Lab Sample ID: JL31D

QC Report No: JL31-Windward Environmental, LLC

LIMS ID: 06-9357

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: **VD**

Date Sampled: 02/09/06

Reported: 06/30/06

Date Received: 02/09/06

Date Extracted: 06/12/06

Sample Amount: 32.5 g-dry-wt

Date Analyzed: 06/21/06 00:28

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 54.4%

Silica Gel Cleanup: No

pH: 7.8

| CAS Number      | Analyte                       | RL        | Result      |
|-----------------|-------------------------------|-----------|-------------|
| 53-70-3         | Dibenz (a, h) anthracene      | 18        | < 18 U      |
| 106-46-7        | 1,4-Dichlorobenzene           | 18        | < 18 U      |
| <b>120-82-1</b> | <b>1,2,4-Trichlorobenzene</b> | <b>18</b> | <b>17 J</b> |
| 118-74-1        | Hexachlorobenzene             | 18        | < 18 U      |
| 87-68-3         | Hexachlorobutadiene           | 18        | < 18 U      |
| <b>85-68-7</b>  | <b>Butylbenzylphthalate</b>   | <b>18</b> | <b>96</b>   |
| 95-48-7         | 2-Methylphenol                | 18        | < 18 U      |
| 105-67-9        | 2,4-Dimethylphenol            | 18        | < 18 U      |
| 86-30-6         | N-Nitrosodiphenylamine        | 18        | < 18 U      |
| 100-51-6        | Benzyl Alcohol                | 92        | < 92 U      |
| 87-86-5         | Pentachlorophenol             | 92        | < 92 U      |
| 95-50-1         | 1,2-Dichlorobenzene           | 18        | < 18 U      |
| 621-64-7        | N-Nitroso-Di-N-Propylamine    | 92        | < 92 U      |
| 62-75-9         | N-Nitrosodimethylamine        | 92        | < 92 U      |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 66.6% | d5-Phenol         | 62.0% |
| 2-Fluorophenol         | 65.3% | d4-2-Chlorophenol | 67.1% |
| d4-1,2-Dichlorobenzene | 57.1% | d5-Nitrobenzene   | 59.3% |
| 2,4,6-Tribromophenol   | 79.0% | d14-p-Terphenyl   | 69.5% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC1-0-2  
SAMPLE

Lab Sample ID: JB90F  
LIMS ID: 06-3306  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/14/06

QC Report No: JB90-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/09/06  
Date Received: 02/09/06

Date Extracted: 02/21/06  
Date Analyzed: 02/24/06 22:18  
Instrument/Analyst: NT6/PK  
GPC Cleanup: No  
Silica Gel Cleanup: No

Sample Amount: 25.1 g-dry-wt  
Final Extract Volume: 0.5 mL  
Dilution Factor: 3.00  
Percent Moisture: 48.9%  
pH: 7.0

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 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 |
| 65-85-0    | Benzoic Acid               | 60  | 100     |
| 85-68-7    | Butylbenzylphthalate       | 6.0 | 71      |
| 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     | 31  | < 31 Y  |
| 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  | 32      |
| 62-75-9    | N-Nitrosodimethylamine     | 30  | < 30 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 58.3% | d5-Phenol         | 66.3% |
| 2-Fluorophenol         | 57.3% | d4-2-Chlorophenol | 49.4% |
| d4-1,2-Dichlorobenzene | 47.3% | d5-Nitrobenzene   | 50.9% |
| 2,4,6-Tribromophenol   | 97.6% | d14-p-Terphenyl   | 34.9% |

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

Page 1 of 1

Sample ID: LDW-SC1-2-4

SAMPLE

Lab Sample ID: JB90G

LIMS ID: 06-3307

Matrix: Sediment

Data Release Authorized: *M*

Reported: 03/14/06

QC Report No: JB90-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

Event: 05-08-06-32

Date Sampled: 02/09/06

Date Received: 02/09/06

Date Extracted: 02/21/06

Date Analyzed: 02/24/06 22:50

Instrument/Analyst: NT6/PK

GPC Cleanup: No

Silica Gel Cleanup: No

Sample Amount: 25.2 g-dry-wt

Final Extract Volume: 0.5 mL

Dilution Factor: 3.00

Percent Moisture: 32.0%

pH: 8.3

| CAS Number     | Analyte                     | RL         | Result    |
|----------------|-----------------------------|------------|-----------|
| 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   |
| <b>65-85-0</b> | <b>Benzoic Acid</b>         | <b>60</b>  | <b>72</b> |
| <b>85-68-7</b> | <b>Butylbenzylphthalate</b> | <b>6.0</b> | <b>16</b> |
| 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      | 13         | < 13 Y    |
| 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       | 87.8% | d5-Phenol         | 78.6% |
| 2-Fluorophenol         | 64.2% | d4-2-Chlorophenol | 56.4% |
| d4-1,2-Dichlorobenzene | 53.2% | d5-Nitrobenzene   | 56.2% |
| 2,4,6-Tribromophenol   | 142%  | d14-p-Terphenyl   | 52.4% |



**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC1-2-4**

Page 1 of 1

**DILUTION**

Lab Sample ID: JB90G

QC Report No: JB90-Windward Environmental, LLC

LIMS ID: 06-3307

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *[Signature]*

Date Sampled: 02/09/06

Reported: 03/14/06

Date Received: 02/09/06

Date Extracted: 02/21/06

Sample Amount: 25.2 g-dry-wt

Date Analyzed: 03/08/06 15:20

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 9.00

GPC Cleanup: No

Percent Moisture: 32.0%

Silica Gel Cleanup: No

pH: 8.3

| CAS Number     | Analyte                     | RL        | Result    |
|----------------|-----------------------------|-----------|-----------|
| 106-46-7       | 1,4-Dichlorobenzene         | 18        | < 18 U    |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 18        | < 18 U    |
| 118-74-1       | Hexachlorobenzene           | 18        | < 18 U    |
| 87-68-3        | Hexachlorobutadiene         | 18        | < 18 U    |
| 65-85-0        | Benzoic Acid                | 180       | < 180 U   |
| <b>85-68-7</b> | <b>Butylbenzylphthalate</b> | <b>18</b> | <b>21</b> |
| 95-48-7        | 2-Methylphenol              | 18        | < 18 U    |
| 105-67-9       | 2,4-Dimethylphenol          | 18        | < 18 U    |
| 86-30-6        | N-Nitrosodiphenylamine      | 18        | < 18 U    |
| 100-51-6       | Benzyl Alcohol              | 89        | < 89 U    |
| 87-86-5        | Pentachlorophenol           | 89        | < 89 U    |
| 95-50-1        | 1,2-Dichlorobenzene         | 18        | < 18 U    |
| 621-64-7       | N-Nitroso-Di-N-Propylamine  | 89        | < 89 U    |
| 62-75-9        | N-Nitrosodimethylamine      | 89        | < 89 U    |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 72.4% | d5-Phenol         | 64.3% |
| 2-Fluorophenol         | 61.0% | d4-2-Chlorophenol | 61.0% |
| d4-1,2-Dichlorobenzene | 47.5% | d5-Nitrobenzene   | 55.8% |
| 2,4,6-Tribromophenol   | 74.9% | d14-p-Terphenyl   | 50.0% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC2-0-2

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB01U

QC Report No: JB01-Windward Environmental, LLC

LIMS ID: 06-2502

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/09/06

Reported: 03/23/06

Date Received: 02/09/06

Date Extracted: 02/21/06

Sample Amount: 44.6 g-dry-wt

Date Analyzed: 03/22/06 21:46

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 30.5%

Silica Gel Cleanup: No

pH: 8.2

| CAS Number      | Analyte                    | RL        | Result       |
|-----------------|----------------------------|-----------|--------------|
| 106-46-7        | 1,4-Dichlorobenzene        | 6.7       | < 6.7 U      |
| 120-82-1        | 1,2,4-Trichlorobenzene     | 6.7       | < 6.7 U      |
| 118-74-1        | Hexachlorobenzene          | 6.7       | < 6.7 U      |
| 87-68-3         | Hexachlorobutadiene        | 6.7       | < 6.7 U      |
| <b>65-85-0</b>  | <b>Benzoic Acid</b>        | <b>67</b> | <b>290 B</b> |
| 85-68-7         | Butylbenzylphthalate       | 6.7       | < 6.7 U      |
| 95-48-7         | 2-Methylphenol             | 6.7       | < 6.7 U      |
| 105-67-9        | 2,4-Dimethylphenol         | 6.7       | < 6.7 U      |
| 86-30-6         | N-Nitrosodiphenylamine     | 270       | < 270 Y      |
| <b>100-51-6</b> | <b>Benzyl Alcohol</b>      | <b>34</b> | <b>44 M</b>  |
| 87-86-5         | Pentachlorophenol          | 34        | < 34 U       |
| 95-50-1         | 1,2-Dichlorobenzene        | 6.7       | < 6.7 U      |
| 621-64-7        | N-Nitroso-Di-N-Propylamine | 34        | < 34 U       |
| 62-75-9         | N-Nitrosodimethylamine     | 34        | < 34 U       |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 62.0% | d5-Phenol         | 50.4% |
| 2-Fluorophenol         | 46.2% | d4-2-Chlorophenol | 52.2% |
| d4-1,2-Dichlorobenzene | 43.8% | d5-Nitrobenzene   | 66.4% |
| 2,4,6-Tribromophenol   | 43.3% | d14-p-Terphenyl   | 36.6% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Page 1 of 1

Sample ID: LDW-SC2-0-2

REEXTRACT

Lab Sample ID: JB01U

LIMS ID: 06-2502

Matrix: Sediment

Data Release Authorized:

Reported: 06/01/06

QC Report No: JB01-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

Event: 05-08-06-32

Date Sampled: 02/09/06

Date Received: 02/09/06

Date Extracted: 05/18/06

Date Analyzed: 05/23/06 19:59

Instrument/Analyst: NT6/LJR

GPC Cleanup: Yes

Silica Gel Cleanup: No

Sample Amount: 5.57 g-dry wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Percent Moisture: 30.5%

pH: 8.2

| CAS Number | Analyte            | RL | Result |
|------------|--------------------|----|--------|
| 105-67-9   | 2,4-Dimethylphenol | 18 | < 18 U |

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

**SIM Semivolatile Surrogate Recovery**

|           |       |
|-----------|-------|
| d5-Phenol | 66.4% |
|-----------|-------|

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC2-2-4  
SAMPLE

Lab Sample ID: JB01V  
LIMS ID: 06-2503  
Matrix: Sediment  
Data Release Authorized: *MS*  
Reported: 03/23/06

QC Report No: JB01-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/09/06  
Date Received: 02/09/06

Date Extracted: 02/21/06  
Date Analyzed: 03/23/06 12:45  
Instrument/Analyst: NT2/PK  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 42.8 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 3.00  
Percent Moisture: 33.2%  
pH: 9.4

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 7.0 | 5.6 J   |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 22  | < 22 Y  |
| 118-74-1   | Hexachlorobenzene          | 7.0 | < 7.0 U |
| 87-68-3    | Hexachlorobutadiene        | 7.0 | < 7.0 U |
| 65-85-0    | Benzoic Acid               | 70  | 420 B   |
| 85-68-7    | Butylbenzylphthalate       | 7.0 | < 7.0 U |
| 95-48-7    | 2-Methylphenol             | 7.0 | 4.2 J   |
| 105-67-9   | 2,4-Dimethylphenol         | 7.0 | 6.3 J   |
| 86-30-6    | N-Nitrosodiphenylamine     | 580 | < 580 Y |
| 100-51-6   | Benzyl Alcohol             | 35  | < 35 U  |
| 87-86-5    | Pentachlorophenol          | 35  | 24 J    |
| 95-50-1    | 1,2-Dichlorobenzene        | 7.0 | 12      |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 35  | < 35 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 35  | < 35 U  |

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


**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 64.3% | d5-Phenol         | 86.4% |
| 2-Fluorophenol         | 73.7% | d4-2-Chlorophenol | 88.0% |
| d4-1,2-Dichlorobenzene | 69.6% | d5-Nitrobenzene   | 136%  |
| 2,4,6-Tribromophenol   | 64.2% | d14-p-Terphenyl   | 65.6% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC2-4-6  
SAMPLE

Lab Sample ID: JH57AB  
LIMS ID: 06-7269  
Matrix: Sediment  
Data Release Authorized:  
Reported: 05/23/06 

QC Report No: JH57-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/09/06  
Date Received: 02/09/06

Date Extracted: 05/10/06  
Date Analyzed: 05/17/06 20:28  
Instrument/Analyst: /PK  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 30.5 g-dry-wt  
Final Extract Volume: 2.0 mL  
Dilution Factor: 1.00  
Percent Moisture: 56.7%  
pH: 10.8

| CAS Number      | Analyte                    | RL         | Result     |
|-----------------|----------------------------|------------|------------|
| 53-70-3         | Dibenz (a,h) anthracene    | 6.6        | < 6.6 U    |
| 106-46-7        | 1,4-Dichlorobenzene        | 6.6        | < 6.6 U    |
| 120-82-1        | 1,2,4-Trichlorobenzene     | 6.6        | < 6.6 U    |
| 118-74-1        | Hexachlorobenzene          | 6.6        | < 6.6 U    |
| 87-68-3         | Hexachlorobutadiene        | 6.6        | < 6.6 U    |
| 131-11-3        | Dimethylphthalate          | 6.6        | < 6.6 U    |
| 85-68-7         | Butylbenzylphthalate       | 6.6        | < 6.6 U    |
| 95-48-7         | 2-Methylphenol             | 6.6        | < 6.6 U    |
| <b>105-67-9</b> | <b>2,4-Dimethylphenol</b>  | <b>6.6</b> | <b>9.2</b> |
| 86-30-6         | N-Nitrosodiphenylamine     | 83         | < 83 Y     |
| 100-51-6        | Benzyl Alcohol             | 33         | < 33 U     |
| <b>87-86-5</b>  | <b>Pentachlorophenol</b>   | <b>33</b>  | <b>46</b>  |
| 95-50-1         | 1,2-Dichlorobenzene        | 6.6        | < 6.6 U    |
| 541-73-1        | 1,3-Dichlorobenzene        | 6.6        | < 6.6 U    |
| 621-64-7        | N-Nitroso-Di-N-Propylamine | 33         | < 33 U     |
| 62-75-9         | N-Nitrosodimethylamine     | 33         | < 33 U     |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 66.8% | d5-Phenol         | 75.2% |
| 2-Fluorophenol         | 66.1% | d4-2-Chlorophenol | 60.5% |
| d4-1,2-Dichlorobenzene | 64.0% | d5-Nitrobenzene   | 79.6% |
| 2,4,6-Tribromophenol   | 67.2% | d14-p-Terphenyl   | 67.6% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC2-10.7-12

Page 1 of 1

**SAMPLE**

Lab Sample ID: JH57AC

QC Report No: JH57-Windward Environmental, LLC

LIMS ID: 06-7270

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *AB*

Date Sampled: 02/09/06

Reported: 05/23/06

Date Received: 02/09/06

Date Extracted: 05/10/06

Sample Amount: 30.5 g-dry-wt

Date Analyzed: 05/17/06 21:02

Final Extract Volume: 2.0 mL

Instrument/Analyst: U/PK

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 22.0%

Silica Gel Cleanup: No

pH: 8.3

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a,h) anthracene    | 6.6 | < 6.6 U |
| 106-46-7   | 1,4-Dichlorobenzene        | 6.6 | < 6.6 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 6.6 | < 6.6 U |
| 118-74-1   | Hexachlorobenzene          | 6.6 | < 6.6 U |
| 87-68-3    | Hexachlorobutadiene        | 6.6 | < 6.6 U |
| 131-11-3   | Dimethylphthalate          | 6.6 | < 6.6 U |
| 85-68-7    | Butylbenzylphthalate       | 6.6 | < 6.6 U |
| 95-48-7    | 2-Methylphenol             | 6.6 | < 6.6 U |
| 105-67-9   | 2,4-Dimethylphenol         | 6.6 | < 6.6 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 6.6 | < 6.6 U |
| 100-51-6   | Benzyl Alcohol             | 33  | < 33 U  |
| 87-86-5    | Pentachlorophenol          | 33  | < 33 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 6.6 | < 6.6 U |
| 541-73-1   | 1,3-Dichlorobenzene        | 6.6 | < 6.6 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 33  | < 33 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 33  | < 33 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 69.2% | d5-Phenol         | 73.1% |
| 2-Fluorophenol         | 64.3% | d4-2-Chlorophenol | 65.3% |
| d4-1,2-Dichlorobenzene | 62.4% | d5-Nitrobenzene   | 72.4% |
| 2,4,6-Tribromophenol   | 86.1% | d14-p-Terphenyl   | 88.0% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC3-0-2  
SAMPLE

Lab Sample ID: JB00S  
LIMS ID: 06-2478  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/15/06

QC Report No: JB00-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/09/06  
Date Received: 02/09/06

Date Extracted: 02/15/06  
Date Analyzed: 02/21/06 21:18  
Instrument/Analyst: NT6/PK  
GPC Cleanup: No  
Silica Gel Cleanup: No

Sample Amount: 25.2 g-dry-wt  
Final Extract Volume: 0.5 mL  
Dilution Factor: 3.00  
Percent Moisture: 30.5%  
pH: 7.3

| CAS Number     | Analyte                    | RL        | Result      |
|----------------|----------------------------|-----------|-------------|
| 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     |
| <b>65-85-0</b> | <b>Benzoic Acid</b>        | <b>60</b> | <b>58 J</b> |
| 85-68-7        | Butylbenzylphthalate       | 6.0       | < 6.0 U     |
| 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 µg/kg (ppb)

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 64.1% | d5-Phenol         | 69.1% |
| 2-Fluorophenol         | 75.6% | d4-2-Chlorophenol | 84.8% |
| d4-1,2-Dichlorobenzene | 61.2% | d5-Nitrobenzene   | 64.2% |
| 2,4,6-Tribromophenol   | 88.8% | d14-p-Terphenyl   | 60.7% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC3-2-4  
SAMPLE

Lab Sample ID: JB00T  
LIMS ID: 06-2479  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/15/06

QC Report No: JB00-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/09/06  
Date Received: 02/09/06

Date Extracted: 02/15/06  
Date Analyzed: 02/21/06 21:50  
Instrument/Analyst: NT6/PK  
GPC Cleanup: No  
Silica Gel Cleanup: No

Sample Amount: 25.5 g-dry-wt  
Final Extract Volume: 0.5 mL  
Dilution Factor: 3.00  
Percent Moisture: 27.7%  
pH: 8.4

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | < 5.9 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | < 5.9 U |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | < 59 U  |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | < 5.9 U |
| 95-48-7    | 2-Methylphenol             | 5.9 | < 5.9 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 5.9 | < 5.9 U |
| 100-51-6   | Benzyl Alcohol             | 29  | < 29 U  |
| 87-86-5    | Pentachlorophenol          | 29  | < 29 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | < 5.9 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 29  | < 29 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 29  | < 29 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 70.8% | d5-Phenol         | 75.6% |
| 2-Fluorophenol         | 78.0% | d4-2-Chlorophenol | 68.7% |
| d4-1,2-Dichlorobenzene | 65.4% | d5-Nitrobenzene   | 71.4% |
| 2,4,6-Tribromophenol   | 97.6% | d14-p-Terphenyl   | 65.5% |



**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC4-0-1

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB01P

QC Report No: JB01-Windward Environmental, LLC

LIMS ID: 06-2497

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *AB*

Date Sampled: 02/09/06

Reported: 03/23/06

Date Received: 02/09/06

Date Extracted: 02/21/06

Sample Amount: 50.6 g-dry-wt

Date Analyzed: 03/22/06 20:08

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 30.7%

Silica Gel Cleanup: No

pH: 7.6

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | < 5.9 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | < 5.9 U |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | 400 B   |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | 20      |
| 95-48-7    | 2-Methylphenol             | 5.9 | < 5.9 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 26  | < 26 Y  |
| 100-51-6   | Benzyl Alcohol             | 30  | < 30 U  |
| 87-86-5    | Pentachlorophenol          | 30  | < 30 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | < 5.9 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       | 69.2% | d5-Phenol         | 62.8% |
| 2-Fluorophenol         | 56.8% | d4-2-Chlorophenol | 65.3% |
| d4-1,2-Dichlorobenzene | 54.0% | d5-Nitrobenzene   | 102%  |
| 2,4,6-Tribromophenol   | 61.4% | d14-p-Terphenyl   | 44.4% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC4-0-1

Page 1 of 1

REEXTRACT

Lab Sample ID: JB01P

QC Report No: JB01-Windward Environmental, LLC

LIMS ID: 06-2497

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *RS*

Date Sampled: 02/09/06

Reported: 06/01/06

Date Received: 02/09/06

Date Extracted: 05/18/06

Sample Amount: 5.56 g-dry wt

Date Analyzed: 05/23/06 18:18

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 30.7%

Silica Gel Cleanup: No

pH: 7.6

| CAS Number | Analyte            | RL | Result |
|------------|--------------------|----|--------|
| 105-67-9   | 2,4-Dimethylphenol | 18 | < 18 U |

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

**SIM Semivolatile Surrogate Recovery**

d5-Phenol 70.4%

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC4-1-2**

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB01Q

QC Report No: JB01-Windward Environmental, LLC

LIMS ID: 06-2498

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/09/06

Reported: 03/23/06

Date Received: 02/09/06

Date Extracted: 02/21/06

Sample Amount: 44.8 g-dry-wt

Date Analyzed: 03/22/06 20:41

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 36.2%

Silica Gel Cleanup: No

pH: 8.8

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 6.7 | 4.7 J   |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 6.7 | < 6.7 U |
| 118-74-1   | Hexachlorobenzene          | 6.7 | < 6.7 U |
| 87-68-3    | Hexachlorobutadiene        | 6.7 | < 6.7 U |
| 65-85-0    | Benzoic Acid               | 67  | 400 B   |
| 85-68-7    | Butylbenzylphthalate       | 6.7 | 34      |
| 95-48-7    | 2-Methylphenol             | 6.7 | < 6.7 U |
| 105-67-9   | 2,4-Dimethylphenol         | 6.7 | < 6.7 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 170 | < 170 Y |
| 100-51-6   | Benzyl Alcohol             | 34  | < 34 U  |
| 87-86-5    | Pentachlorophenol          | 34  | 21 J    |
| 95-50-1    | 1,2-Dichlorobenzene        | 6.7 | < 6.7 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 34  | < 34 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 34  | < 34 U  |

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


**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 70.1% | d5-Phenol         | 60.8% |
| 2-Fluorophenol         | 54.3% | d4-2-Chlorophenol | 61.7% |
| d4-1,2-Dichlorobenzene | 51.1% | d5-Nitrobenzene   | 84.1% |
| 2,4,6-Tribromophenol   | 48.9% | d14-p-Terphenyl   | 48.4% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC4-1-2  
REEXTRACT

Lab Sample ID: JB01Q  
LIMS ID: 06-2498  
Matrix: Sediment  
Data Release Authorized:   
Reported: 06/01/06

QC Report No: JB01-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/09/06  
Date Received: 02/09/06

Date Extracted: 05/18/06  
Date Analyzed: 05/23/06 18:52  
Instrument/Analyst: NT6/LJR  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 5.74 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 1.00  
Percent Moisture: 36.2%  
pH: 8.8

| CAS Number | Analyte            | RL | Result |
|------------|--------------------|----|--------|
| 105-67-9   | 2,4-Dimethylphenol | 17 | < 17 U |

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

**SIM Semivolatile Surrogate Recovery**

|           |       |
|-----------|-------|
| d5-Phenol | 79.2% |
|-----------|-------|

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC4-2-4

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB01R

QC Report No: JB01-Windward Environmental, LLC

LIMS ID: 06-2499

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/09/06

Reported: 03/23/06

Date Received: 02/09/06

Date Extracted: 02/21/06

Sample Amount: 50.1 g-dry-wt

Date Analyzed: 03/22/06 21:14

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 29.4%

Silica Gel Cleanup: No

pH: 8.7

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 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 |
| 65-85-0    | Benzoic Acid               | 60  | 280 B   |
| 85-68-7    | Butylbenzylphthalate       | 6.0 | < 6.0 U |
| 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     | 59  | < 59 Y  |
| 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       | 78.6% | d5-Phenol         | 71.7% |
| 2-Fluorophenol         | 62.8% | d4-2-Chlorophenol | 70.9% |
| d4-1,2-Dichlorobenzene | 59.5% | d5-Nitrobenzene   | 99.8% |
| 2,4,6-Tribromophenol   | 53.2% | d14-p-Terphenyl   | 49.8% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC4-2-4  
REEXTRACT

Lab Sample ID: JB01R  
LIMS ID: 06-2499  
Matrix: Sediment  
Data Release Authorized:  
Reported: 06/01/06

QC Report No: JB01-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/09/06  
Date Received: 02/09/06

Date Extracted: 05/18/06  
Date Analyzed: 05/23/06 19:26  
Instrument/Analyst: NT6/LJR  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 5.65 g-dry wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 1.00  
Percent Moisture: 29.4%  
pH: 8.7

| CAS Number | Analyte            | RL | Result |
|------------|--------------------|----|--------|
| 105-67-9   | 2,4-Dimethylphenol | 18 | 46 M   |

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

**SIM Semivolatile Surrogate Recovery**

|           |       |
|-----------|-------|
| d5-Phenol | 66.7% |
|-----------|-------|

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

Page 1 of 1

Sample ID: LDW-SC5-0-1  
SAMPLE

Lab Sample ID: JC05A

LIMS ID: 06-3421

Matrix: Sediment

Data Release Authorized:

Reported: 03/29/06

QC Report No: JC05-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

Event: 05-08-06-32

Date Sampled: 02/10/06

Date Received: 02/10/06

Date Extracted: 02/24/06

Date Analyzed: 03/23/06 22:16

Instrument/Analyst: NT6/PK

GPC Cleanup: Yes

Silica Gel Cleanup: No

Sample Amount: 50.3 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 3.00

Percent Moisture: 34.0%

pH: 7.4

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 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 |
| 65-85-0    | Benzoic Acid               | 60  | 82 B    |
| 85-68-7    | Butylbenzylphthalate       | 6.0 | 35      |
| 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     | 27  | < 27 Y  |
| 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       | 64.0% | d5-Phenol         | 60.2% |
| 2-Fluorophenol         | 72.4% | d4-2-Chlorophenol | 72.0% |
| d4-1,2-Dichlorobenzene | 62.3% | d5-Nitrobenzene   | 58.4% |
| 2,4,6-Tribromophenol   | 67.4% | d14-p-Terphenyl   | 42.7% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC5-0-1  
REEXTRACT

Lab Sample ID: JC05A  
LIMS ID: 06-3421  
Matrix: Sediment  
Data Release Authorized:  
Reported: 06/02/06

QC Report No: JC05-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/10/06  
Date Received: 02/10/06

Date Extracted: 05/19/06  
Date Analyzed: 05/30/06 15:29  
Instrument/Analyst: NT6/LJR  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 5.64 g-dwt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 1.00  
Percent Moisture: 34.0%  
pH: 7.4

| CAS Number | Analyte            | RL | Result |
|------------|--------------------|----|--------|
| 105-67-9   | 2,4-Dimethylphenol | 18 | < 18 U |

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

**SIM Semivolatile Surrogate Recovery**

|           |       |
|-----------|-------|
| d5-Phenol | 63.2% |
|-----------|-------|



**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS Sample ID: LDW-SC5-1-2.2  
Page 1 of 1 SAMPLE

Lab Sample ID: JC05B  
LIMS ID: 06-3422  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/29/06

QC Report No: JC05-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/10/06  
Date Received: 02/10/06

Date Extracted: 02/24/06  
Date Analyzed: 03/27/06 13:10  
Instrument/Analyst: NT6/PK  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 50.7 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 3.00  
Percent Moisture: 39.9%  
pH: 7.5

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | < 5.9 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | < 5.9 U |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | 150 B   |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | 31      |
| 95-48-7    | 2-Methylphenol             | 5.9 | 10      |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | 9.5     |
| 86-30-6    | N-Nitrosodiphenylamine     | 69  | < 69 Y  |
| 100-51-6   | Benzyl Alcohol             | 30  | < 30 U  |
| 87-86-5    | Pentachlorophenol          | 30  | < 30 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | < 5.9 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       | 100%  | d5-Phenol         | 69.0% |
| 2-Fluorophenol         | 67.1% | d4-2-Chlorophenol | 70.0% |
| d4-1,2-Dichlorobenzene | 65.2% | d5-Nitrobenzene   | 30.1% |
| 2,4,6-Tribromophenol   | 105%  | d14-p-Terphenyl   | 53.3% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC5-1-2.2  
REEXTRACT

Lab Sample ID: JC05B  
LIMS ID: 06-3422  
Matrix: Sediment  
Data Release Authorized:  
Reported: 06/02/06 *AB*

QC Report No: JC05-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/10/06  
Date Received: 02/10/06

Date Extracted: 05/19/06  
Date Analyzed: 05/30/06 16:03  
Instrument/Analyst: NT6/LJR  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 5.71 g-dry wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 1.00  
Percent Moisture: 39.9%  
pH: 7.5

| CAS Number | Analyte            | RL | Result |
|------------|--------------------|----|--------|
| 105-67-9   | 2,4-Dimethylphenol | 18 | 54     |

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

SIM Semivolatile Surrogate Recovery

|           |       |
|-----------|-------|
| d5-Phenol | 63.5% |
|-----------|-------|

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC5-2.2-4**

Page 1 of 1

**SAMPLE**

Lab Sample ID: JC05C

QC Report No: JC05-Windward Environmental, LLC

LIMS ID: 06-3423

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/10/06

Reported: 03/29/06

Date Received: 02/10/06

Date Extracted: 02/24/06

Sample Amount: 50.1 g-dry-wt

Date Analyzed: 03/23/06 21:43

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 21.8%

Silica Gel Cleanup: No

pH: 7.7

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 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 |
| 65-85-0    | Benzoic Acid               | 60  | < 60 U  |
| 85-68-7    | Butylbenzylphthalate       | 6.0 | < 6.0 U |
| 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     | 9.0 | < 9.0 Y |
| 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       | 70.2% | d5-Phenol         | 59.3% |
| 2-Fluorophenol         | 78.8% | d4-2-Chlorophenol | 71.0% |
| d4-1,2-Dichlorobenzene | 63.0% | d5-Nitrobenzene   | 59.4% |
| 2,4,6-Tribromophenol   | 69.4% | d14-p-Terphenyl   | 53.4% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC5-2.2-4

Page 1 of 1

REEXTRACT

Lab Sample ID: JC05C

QC Report No: JC05-Windward Environmental, LLC

LIMS ID: 06-3423

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *AP*

Date Sampled: 02/10/06

Reported: 06/02/06

Date Received: 02/10/06

Date Extracted: 05/19/06

Sample Amount: 5.90 g-dry-wt

Date Analyzed: 05/30/06 16:36

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 21.8%

Silica Gel Cleanup: No

pH: 7.7

| CAS Number | Analyte            | RL | Result |
|------------|--------------------|----|--------|
| 105-67-9   | 2,4-Dimethylphenol | 17 | < 17 U |

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

**SIM Semivolatile Surrogate Recovery**

d5-Phenol 64.3%

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC6-0-2  
SAMPLE

Lab Sample ID: JB20A  
LIMS ID: 06-2573  
Matrix: Sediment  
Data Release Authorized: *AB*  
Reported: 03/24/06

QC Report No: JB20-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/10/06  
Date Received: 02/10/06

Date Extracted: 02/22/06  
Date Analyzed: 03/17/06 20:02  
Instrument/Analyst: NT6/PK  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 50.6 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 3.00  
Percent Moisture: 45.8%  
pH: 7.3

| CAS Number | Analyte                     | RL         | Result       |
|------------|-----------------------------|------------|--------------|
| 106-46-7   | 1,4-Dichlorobenzene         | 5.9        | < 5.9 U      |
| 120-82-1   | 1,2,4-Trichlorobenzene      | 5.9        | < 5.9 U      |
| 118-74-1   | Hexachlorobenzene           | 5.9        | < 5.9 U      |
| 87-68-3    | Hexachlorobutadiene         | 5.9        | < 5.9 U      |
| 65-85-0    | <b>Benzoic Acid</b>         | <b>59</b>  | <b>330</b>   |
| 85-68-7    | <b>Butylbenzylphthalate</b> | <b>5.9</b> | <b>54</b>    |
| 95-48-7    | <b>2-Methylphenol</b>       | <b>5.9</b> | <b>5.3 J</b> |
| 105-67-9   | 2,4-Dimethylphenol          | 5.9        | < 5.9 U      |
| 86-30-6    | N-Nitrosodiphenylamine      | 17         | < 17 Y       |
| 100-51-6   | Benzyl Alcohol              | 30         | < 30 U       |
| 87-86-5    | Pentachlorophenol           | 30         | < 30 U       |
| 95-50-1    | 1,2-Dichlorobenzene         | 5.9        | < 5.9 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       | 70.3% | d5-Phenol         | 79.9% |
| 2-Fluorophenol         | 60.9% | d4-2-Chlorophenol | 72.2% |
| d4-1,2-Dichlorobenzene | 54.1% | d5-Nitrobenzene   | 72.8% |
| 2,4,6-Tribromophenol   | 62.4% | d14-p-Terphenyl   | 68.0% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC6-0-2  
SAMPLE

Lab Sample ID: JB20A  
LIMS ID: 06-2573  
Matrix: Sediment  
Data Release Authorized:  
Reported: 06/01/06

QC Report No: JB20-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/10/06  
Date Received: 02/10/06

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00  
pH: 7.3

| CAS Number | Analyte            | RL | Result |
|------------|--------------------|----|--------|
| 105-67-9   | 2,4-Dimethylphenol | 18 | < 18 U |

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

**SIM Semivolatile Surrogate Recovery**

d5-Phenol 64.0%

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC6-2-4.5  
SAMPLE

Lab Sample ID: JB20B  
LIMS ID: 06-2574  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/24/06

QC Report No: JB20-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/10/06  
Date Received: 02/10/06

Date Extracted: 02/22/06  
Date Analyzed: 03/17/06 20:37  
Instrument/Analyst: NT6/PK  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 50.7 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 3.00  
Percent Moisture: 41.2%  
pH: 7.9

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | 4.1 J   |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | < 5.9 U |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | 260     |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | 52      |
| 95-48-7    | 2-Methylphenol             | 5.9 | 5.9 M   |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 31  | < 31 Y  |
| 100-51-6   | Benzyl Alcohol             | 30  | < 30 U  |
| 87-86-5    | Pentachlorophenol          | 30  | < 30 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | 3.6 J   |
| 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       | 75.7% | d5-Phenol         | 79.8% |
| 2-Fluorophenol         | 58.3% | d4-2-Chlorophenol | 72.6% |
| d4-1,2-Dichlorobenzene | 56.5% | d5-Nitrobenzene   | 80.6% |
| 2,4,6-Tribromophenol   | 62.2% | d14-p-Terphenyl   | 71.3% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC6-2-4.5

Page 1 of 1

REEXTRACT

Lab Sample ID: JB20B

QC Report No: JB20-Windward Environmental, LLC

LIMS ID: 06-8721

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *AB*

Date Sampled: 02/10/06

Reported: 06/01/06

Date Received: 02/10/06

Date Extracted: 05/18/06

Sample Amount: 5.59 g-dry~~wt~~

Date Analyzed: 05/23/06 21:06

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 41.2%

| CAS Number | Analyte            | RL | Result |
|------------|--------------------|----|--------|
| 105-67-9   | 2,4-Dimethylphenol | 18 | < 18 U |

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

**SIM Semivolatile Surrogate Recovery**

|           |       |
|-----------|-------|
| d5-Phenol | 60.0% |
|-----------|-------|



**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC6-6-8

Page 1 of 1

SAMPLE

Lab Sample ID: JH57P

QC Report No: JH57-Windward Environmental, LLC

LIMS ID: 06-7257

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/10/06

Reported: 05/23/06

Date Received: 02/10/06

Date Extracted: 05/10/06

Sample Amount: 30.7 g-dry-wt

Date Analyzed: 05/17/06 19:20

Final Extract Volume: 2.0 mL

Instrument/Analyst: U/PK

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 23.4%

Silica Gel Cleanup: No

pH: 8.2

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.5 | 6.5     |
| 106-46-7   | 1,4-Dichlorobenzene        | 6.5 | < 6.5 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 6.5 | < 6.5 U |
| 118-74-1   | Hexachlorobenzene          | 6.5 | < 6.5 U |
| 87-68-3    | Hexachlorobutadiene        | 6.5 | < 6.5 U |
| 131-11-3   | Dimethylphthalate          | 6.5 | < 6.5 U |
| 85-68-7    | Butylbenzylphthalate       | 6.5 | < 6.5 U |
| 95-48-7    | 2-Methylphenol             | 6.5 | < 6.5 U |
| 105-67-9   | 2,4-Dimethylphenol         | 6.5 | < 6.5 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 6.5 | < 6.5 U |
| 100-51-6   | Benzyl Alcohol             | 33  | < 33 U  |
| 87-86-5    | Pentachlorophenol          | 33  | < 33 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 6.5 | < 6.5 U |
| 541-73-1   | 1,3-Dichlorobenzene        | 6.5 | < 6.5 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 33  | < 33 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 33  | < 33 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 68.8% | d5-Phenol         | 72.5% |
| 2-Fluorophenol         | 69.1% | d4-2-Chlorophenol | 67.5% |
| d4-1,2-Dichlorobenzene | 68.0% | d5-Nitrobenzene   | 76.8% |
| 2,4,6-Tribromophenol   | 88.0% | d14-p-Terphenyl   | 81.6% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC7-0-1

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB20AB

QC Report No: JB20-Windward Environmental, LLC

LIMS ID: 06-2600

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/10/06

Reported: 03/24/06

Date Received: 02/10/06

Date Extracted: 02/22/06

Sample Amount: 50.4 g-dry-wt

Date Analyzed: 03/22/06 14:55

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 10.0

GPC Cleanup: Yes

Percent Moisture: 38.2%

Silica Gel Cleanup: No

pH: 7.5

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 20  | 18 J    |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 20  | < 20 U  |
| 118-74-1   | Hexachlorobenzene          | 20  | < 20 U  |
| 87-68-3    | Hexachlorobutadiene        | 20  | < 20 U  |
| 65-85-0    | Benzoic Acid               | 200 | < 200 U |
| 85-68-7    | Butylbenzylphthalate       | 20  | 73      |
| 95-48-7    | 2-Methylphenol             | 20  | < 20 U  |
| 105-67-9   | 2,4-Dimethylphenol         | 20  | < 20 U  |
| 86-30-6    | N-Nitrosodiphenylamine     | 40  | < 40 Y  |
| 100-51-6   | Benzyl Alcohol             | 99  | < 99 U  |
| 87-86-5    | Pentachlorophenol          | 99  | < 99 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 20  | < 20 U  |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 99  | < 99 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 99  | < 99 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 41.2% | d5-Phenol         | 57.1% |
| 2-Fluorophenol         | 66.1% | d4-2-Chlorophenol | 66.9% |
| d4-1,2-Dichlorobenzene | 56.4% | d5-Nitrobenzene   | 138%  |
| 2,4,6-Tribromophenol   | 58.9% | d14-p-Terphenyl   | 55.2% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC7-0-1

Page 1 of 1

SAMPLE

Lab Sample ID: JB20AB

QC Report No: JB20-Windward Environmental, LLC

LIMS ID: 06-2600

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/10/06

Reported: 06/01/06

Date Received: 02/10/06

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

pH: 7.5

| CAS Number | Analyte            | RL | Result |
|------------|--------------------|----|--------|
| 105-67-9   | 2,4-Dimethylphenol | 18 | < 18 U |

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

**SIM Semivolatile Surrogate Recovery**

d5-Phenol 59.5%

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC7-1-1.7

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB20AC

QC Report No: JB20-Windward Environmental, LLC

LIMS ID: 06-2601

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/10/06

Reported: 03/24/06

Date Received: 02/10/06

Date Extracted: 02/22/06

Sample Amount: 50.4 g-dry-wt

Date Analyzed: 03/22/06 15:28

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 10.0

GPC Cleanup: Yes

Percent Moisture: 24.1%

Silica Gel Cleanup: No

pH: 7.9

| CAS Number     | Analyte                     | RL        | Result      |
|----------------|-----------------------------|-----------|-------------|
| 106-46-7       | 1,4-Dichlorobenzene         | 20        | < 20 U      |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 20        | < 20 U      |
| 118-74-1       | Hexachlorobenzene           | 20        | < 20 U      |
| 87-68-3        | Hexachlorobutadiene         | 20        | < 20 U      |
| 65-85-0        | Benzoic Acid                | 200       | < 200 U     |
| <b>85-68-7</b> | <b>Butylbenzylphthalate</b> | <b>20</b> | <b>18 J</b> |
| 95-48-7        | 2-Methylphenol              | 20        | < 20 U      |
| 105-67-9       | 2,4-Dimethylphenol          | 20        | < 20 U      |
| 86-30-6        | N-Nitrosodiphenylamine      | 20        | < 20 U      |
| 100-51-6       | Benzyl Alcohol              | 99        | < 99 U      |
| 87-86-5        | Pentachlorophenol           | 99        | < 99 U      |
| 95-50-1        | 1,2-Dichlorobenzene         | 20        | < 20 U      |
| 621-64-7       | N-Nitroso-Di-N-Propylamine  | 99        | < 99 U      |
| 62-75-9        | N-Nitrosodimethylamine      | 99        | < 99 U      |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 42.4% | d5-Phenol         | 56.0% |
| 2-Fluorophenol         | 63.5% | d4-2-Chlorophenol | 65.3% |
| d4-1,2-Dichlorobenzene | 57.6% | d5-Nitrobenzene   | 150%  |
| 2,4,6-Tribromophenol   | 56.5% | d14-p-Terphenyl   | 64.0% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC7-1-1.7  
SAMPLE

Lab Sample ID: JB20AC  
LIMS ID: 06-2601  
Matrix: Sediment  
Data Release Authorized:  
Reported: 06/01/06

QC Report No: JB20-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/10/06  
Date Received: 02/10/06

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00  
pH: 7.9

| CAS Number | Analyte            | RL | Result |
|------------|--------------------|----|--------|
| 105-67-9   | 2,4-Dimethylphenol | 18 | < 18 U |

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

**SIM Semivolatile Surrogate Recovery**

d5-Phenol 61.1%

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC7-1.7-4

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB20AD

QC Report No: JB20-Windward Environmental, LLC

LIMS ID: 06-2602

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/10/06

Reported: 03/24/06

Date Received: 02/10/06

Date Extracted: 02/22/06

Sample Amount: 50.8 g-dry-wt

Date Analyzed: 03/21/06 13:47

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 18.2%

Silica Gel Cleanup: No

pH: 7.1

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | < 5.9 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | < 5.9 U |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | < 59 U  |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | < 5.9 U |
| 95-48-7    | 2-Methylphenol             | 5.9 | < 5.9 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 5.9 | < 5.9 U |
| 100-51-6   | Benzyl Alcohol             | 30  | < 30 U  |
| 87-86-5    | Pentachlorophenol          | 30  | < 30 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | < 5.9 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       | 54.2% | d5-Phenol         | 53.0% |
| 2-Fluorophenol         | 48.1% | d4-2-Chlorophenol | 55.3% |
| d4-1,2-Dichlorobenzene | 59.5% | d5-Nitrobenzene   | 58.0% |
| 2,4,6-Tribromophenol   | 38.2% | d14-p-Terphenyl   | 53.9% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC7-1.7-4  
REEXTRACT

Lab Sample ID: JB20AD  
LIMS ID: 06-2602  
Matrix: Sediment  
Data Release Authorized:  
Reported: 06/02/06

QC Report No: JB20-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/10/06  
Date Received: 02/10/06

Date Extracted: 05/19/06  
Date Analyzed: 05/25/06 18:58  
Instrument/Analyst: NT6/LJR  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 5.74 g-dry wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 1.00  
Percent Moisture: 18.2%  
pH: 7.1

| CAS Number | Analyte            | RL | Result |
|------------|--------------------|----|--------|
| 105-67-9   | 2,4-Dimethylphenol | 17 | < 17 U |

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

**SIM Semivolatile Surrogate Recovery**

d5-Phenol 60.8%

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC8-0-1

Page 1 of 1

SAMPLE

Lab Sample ID: JB20V

QC Report No: JB20-Windward Environmental, LLC

LIMS ID: 06-2594

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/10/06

Reported: 03/24/06

Date Received: 02/10/06

Date Extracted: 02/22/06

Sample Amount: 50.6 g-dry-wt

Date Analyzed: 03/21/06 11:00

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 39.2%

Silica Gel Cleanup: No

pH: 8.0

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | 6.5     |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | < 5.9 U |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | 52 J    |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | 42      |
| 95-48-7    | 2-Methylphenol             | 5.9 | < 5.9 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 26  | < 26 Y  |
| 100-51-6   | Benzyl Alcohol             | 30  | < 30 U  |
| 87-86-5    | Pentachlorophenol          | 30  | 22 J    |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | < 5.9 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       | 67.3% | d5-Phenol         | 70.5% |
| 2-Fluorophenol         | 70.0% | d4-2-Chlorophenol | 67.8% |
| d4-1,2-Dichlorobenzene | 58.7% | d5-Nitrobenzene   | 71.4% |
| 2,4,6-Tribromophenol   | 94.4% | d14-p-Terphenyl   | 55.9% |



**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC8-0-1  
SAMPLE

Lab Sample ID: JB20V  
LIMS ID: 06-2594  
Matrix: Sediment  
Data Release Authorized:   
Reported: 06/01/06

QC Report No: JB20-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/10/06  
Date Received: 02/10/06

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00  
pH: 8.0

| CAS Number | Analyte            | RL | Result |
|------------|--------------------|----|--------|
| 105-67-9   | 2,4-Dimethylphenol | 17 | < 17 U |

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

SIM Semivolatile Surrogate Recovery

d5-Phenol 56.8%

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC8-1-2  
SAMPLE

Lab Sample ID: JB20W  
LIMS ID: 06-2595  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/27/06

QC Report No: JB20-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/10/06  
Date Received: 02/10/06

Date Extracted: 02/22/06  
Date Analyzed: 03/21/06 11:33  
Instrument/Analyst: NT6/VTS  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 50.5 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 3.00  
Percent Moisture: 39.5%  
pH: 8.0

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | 3.6 J   |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | < 5.9 U |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | 48 J    |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | 24      |
| 95-48-7    | 2-Methylphenol             | 5.9 | < 5.9 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 37  | < 37 Y  |
| 100-51-6   | Benzyl Alcohol             | 30  | < 30 U  |
| 87-86-5    | Pentachlorophenol          | 30  | 21 J    |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | < 5.9 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       | 33.0% | d5-Phenol         | 61.8% |
| 2-Fluorophenol         | 71.4% | d4-2-Chlorophenol | 65.0% |
| d4-1,2-Dichlorobenzene | 58.4% | d5-Nitrobenzene   | 59.6% |
| 2,4,6-Tribromophenol   | 45.4% | d14-p-Terphenyl   | 49.6% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC8-1-2

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB20W


QC Report No: JB20-Windward Environmental, LLC

LIMS ID: 06-2595

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: 

Date Sampled: 02/10/06

Reported: 06/01/06

Date Received: 02/10/06

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

pH: 8.0

| CAS Number | Analyte            | RL | Result |
|------------|--------------------|----|--------|
| 105-67-9   | 2,4-Dimethylphenol | 17 | < 17 U |

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

**SIM Semivolatile Surrogate Recovery**

d5-Phenol 61.3%

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC8-2-4

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB20X

QC Report No: JB20-Windward Environmental, LLC

LIMS ID: 06-2596

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/10/06

Reported: 03/24/06

Date Received: 02/10/06

Date Extracted: 02/22/06

Sample Amount: 50.6 g-dry-wt

Date Analyzed: 03/22/06 14:22

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 10.0

GPC Cleanup: Yes

Percent Moisture: 33.5%

Silica Gel Cleanup: No

pH: 7.4

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 20  | < 20 U  |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 20  | < 20 U  |
| 118-74-1   | Hexachlorobenzene          | 20  | < 20 U  |
| 87-68-3    | Hexachlorobutadiene        | 20  | < 20 U  |
| 65-85-0    | Benzoic Acid               | 200 | < 200 U |
| 85-68-7    | Butylbenzylphthalate       | 20  | < 20 U  |
| 95-48-7    | 2-Methylphenol             | 20  | < 20 U  |
| 105-67-9   | 2,4-Dimethylphenol         | 20  | < 20 U  |
| 86-30-6    | N-Nitrosodiphenylamine     | 170 | < 170 Y |
| 100-51-6   | Benzyl Alcohol             | 99  | < 99 U  |
| 87-86-5    | Pentachlorophenol          | 99  | < 99 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 20  | < 20 U  |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 99  | < 99 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 99  | < 99 U  |

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


**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 41.2% | d5-Phenol         | 62.7% |
| 2-Fluorophenol         | 72.3% | d4-2-Chlorophenol | 74.1% |
| d4-1,2-Dichlorobenzene | 63.2% | d5-Nitrobenzene   | 146%  |
| 2,4,6-Tribromophenol   | 61.1% | d14-p-Terphenyl   | 58.8% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC8-2-4  
SAMPLE

Lab Sample ID: JB20X  
LIMS ID: 06-2596  
Matrix: Sediment  
Data Release Authorized:   
Reported: 06/01/06

QC Report No: JB20-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/10/06  
Date Received: 02/10/06

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00  
pH: 7.4

| CAS Number | Analyte            | RL | Result |
|------------|--------------------|----|--------|
| 105-67-9   | 2,4-Dimethylphenol | 18 | < 18 U |

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

SIM Semivolatile Surrogate Recovery

d5-Phenol 70.7%

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC8-4-6

Page 1 of 1

**SAMPLE**

Lab Sample ID: JH57Q

QC Report No: JH57-Windward Environmental, LLC

LIMS ID: 06-7258

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *AB*

Date Sampled: 02/10/06

Reported: 05/23/06

Date Received: 02/10/06

Date Extracted: 05/10/06

Sample Amount: 30.7 g-dry-wt

Date Analyzed: 05/18/06 16:53

Final Extract Volume: 2.0 mL

Instrument/Analyst: M/PK

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 33.9%

Silica Gel Cleanup: No

pH: 8.0

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.5 | 36      |
| 106-46-7   | 1,4-Dichlorobenzene        | 6.5 | 31      |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 6.5 | 11 M    |
| 118-74-1   | Hexachlorobenzene          | 6.5 | < 6.5 U |
| 87-68-3    | Hexachlorobutadiene        | 6.5 | < 6.5 U |
| 131-11-3   | Dimethylphthalate          | 6.5 | < 6.5 U |
| 85-68-7    | Butylbenzylphthalate       | 36  | < 36 Y  |
| 95-48-7    | 2-Methylphenol             | 6.5 | < 6.5 U |
| 105-67-9   | 2,4-Dimethylphenol         | 6.5 | < 6.5 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 560 | < 560 Y |
| 100-51-6   | Benzyl Alcohol             | 33  | < 33 U  |
| 87-86-5    | Pentachlorophenol          | 33  | 38 M    |
| 95-50-1    | 1,2-Dichlorobenzene        | 6.5 | 10      |
| 541-73-1   | 1,3-Dichlorobenzene        | 6.5 | 12      |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 33  | < 33 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 33  | < 33 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 68.8% | d5-Phenol         | 72.5% |
| 2-Fluorophenol         | 79.5% | d4-2-Chlorophenol | 62.9% |
| d4-1,2-Dichlorobenzene | 61.6% | d5-Nitrobenzene   | 114%  |
| 2,4,6-Tribromophenol   | 74.1% | d14-p-Terphenyl   | 50.8% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC8-4-6

Page 1 of 1

REANALYSIS

Lab Sample ID: JH57Q

QC Report No: JH57-Windward Environmental, LLC

LIMS ID: 06-7258

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/10/06

Reported: 05/23/06

Date Received: 02/10/06

Date Extracted: 05/10/06

Sample Amount: 30.7 g-dry-wt

Date Analyzed: 05/19/06 15:44

Final Extract Volume: 2.0 mL

Instrument/Analyst: M/PK

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 33.9%

Silica Gel Cleanup: No

pH: 8.0

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.5 | 48      |
| 106-46-7   | 1,4-Dichlorobenzene        | 6.5 | 24      |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 6.5 | 5.9 J   |
| 118-74-1   | Hexachlorobenzene          | 6.5 | < 6.5 U |
| 87-68-3    | Hexachlorobutadiene        | 6.5 | < 6.5 U |
| 131-11-3   | Dimethylphthalate          | 6.5 | < 6.5 U |
| 85-68-7    | Butylbenzylphthalate       | 48  | < 48 Y  |
| 95-48-7    | 2-Methylphenol             | 6.5 | < 6.5 U |
| 105-67-9   | 2,4-Dimethylphenol         | 6.5 | < 6.5 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 510 | < 510 Y |
| 100-51-6   | Benzyl Alcohol             | 33  | < 33 U  |
| 87-86-5    | Pentachlorophenol          | 33  | 40 M    |
| 95-50-1    | 1,2-Dichlorobenzene        | 6.5 | 7.8     |
| 541-73-1   | 1,3-Dichlorobenzene        | 6.5 | 9.8     |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 33  | < 33 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 33  | < 33 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 77.6% | d5-Phenol         | 56.3% |
| 2-Fluorophenol         | 49.3% | d4-2-Chlorophenol | 54.4% |
| d4-1,2-Dichlorobenzene | 50.4% | d5-Nitrobenzene   | 96.8% |
| 2,4,6-Tribromophenol   | 66.9% | d14-p-Terphenyl   | 50.8% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC8-6-8

Page 1 of 1

SAMPLE

Lab Sample ID: JH57R

QC Report No: JH57-Windward Environmental, LLC

LIMS ID: 06-7259

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/10/06

Reported: 05/23/06

Date Received: 02/10/06

Date Extracted: 05/10/06

Sample Amount: 30.6 g-dry-wt

Date Analyzed: 05/18/06 19:09

Final Extract Volume: 2.0 mL

Instrument/Analyst: M/PK

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 41.4%

Silica Gel Cleanup: No

pH: 7.8

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.5 | 46      |
| 106-46-7   | 1,4-Dichlorobenzene        | 6.5 | 14      |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 6.5 | 14 M    |
| 118-74-1   | Hexachlorobenzene          | 6.5 | 4.6 J   |
| 87-68-3    | Hexachlorobutadiene        | 6.5 | 5.9 J   |
| 131-11-3   | Dimethylphthalate          | 6.5 | < 6.5 U |
| 85-68-7    | Butylbenzylphthalate       | 6.5 | 35      |
| 95-48-7    | 2-Methylphenol             | 6.5 | 5.2 J   |
| 105-67-9   | 2,4-Dimethylphenol         | 6.5 | 16      |
| 86-30-6    | N-Nitrosodiphenylamine     | 290 | < 290 Y |
| 100-51-6   | Benzyl Alcohol             | 33  | < 33 U  |
| 87-86-5    | Pentachlorophenol          | 33  | 44 M    |
| 95-50-1    | 1,2-Dichlorobenzene        | 6.5 | 12      |
| 541-73-1   | 1,3-Dichlorobenzene        | 6.5 | 6.5     |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 69  | < 69 Y  |
| 62-75-9    | N-Nitrosodimethylamine     | 33  | < 33 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 183%  | d5-Phenol         | 71.5% |
| 2-Fluorophenol         | 74.7% | d4-2-Chlorophenol | 61.6% |
| d4-1,2-Dichlorobenzene | 61.2% | d5-Nitrobenzene   | 109%  |
| 2,4,6-Tribromophenol   | 196%  | d14-p-Terphenyl   | 46.0% |



**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC8-6-8

Page 1 of 1

REANALYSIS

Lab Sample ID: JH57R

QC Report No: JH57-Windward Environmental, LLC

LIMS ID: 06-7259

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/10/06

Reported: 05/23/06

Date Received: 02/10/06

Date Extracted: 05/10/06

Sample Amount: 30.6 g-dry-wt

Date Analyzed: 05/19/06 16:18

Final Extract Volume: 2.0 mL

Instrument/Analyst: M/PK

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 41.4%

Silica Gel Cleanup: No

pH: 7.8

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.5 | 54      |
| 106-46-7   | 1,4-Dichlorobenzene        | 6.5 | 11      |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 6.5 | 9.8 M   |
| 118-74-1   | Hexachlorobenzene          | 6.5 | 4.6 J   |
| 87-68-3    | Hexachlorobutadiene        | 6.5 | 5.2 J   |
| 131-11-3   | Dimethylphthalate          | 6.5 | < 6.5 U |
| 85-68-7    | Butylbenzylphthalate       | 6.5 | < 6.5 U |
| 95-48-7    | 2-Methylphenol             | 6.5 | 5.9 J   |
| 105-67-9   | 2,4-Dimethylphenol         | 6.5 | 7.8     |
| 86-30-6    | N-Nitrosodiphenylamine     | 280 | < 280 Y |
| 100-51-6   | Benzyl Alcohol             | 33  | < 33 U  |
| 87-86-5    | Pentachlorophenol          | 33  | 45 M    |
| 95-50-1    | 1,2-Dichlorobenzene        | 6.5 | 9.8     |
| 541-73-1   | 1,3-Dichlorobenzene        | 6.5 | 5.2 J   |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 58  | < 58 Y  |
| 62-75-9    | N-Nitrosodimethylamine     | 33  | < 33 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 75.2% | d5-Phenol         | 56.8% |
| 2-Fluorophenol         | 49.9% | d4-2-Chlorophenol | 52.3% |
| d4-1,2-Dichlorobenzene | 50.0% | d5-Nitrobenzene   | 90.0% |
| 2,4,6-Tribromophenol   | 65.6% | d14-p-Terphenyl   | 51.2% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC8-8-10

Page 1 of 1

SAMPLE

Lab Sample ID: JO76A

QC Report No: JO76-Windward Environmental, LLC

LIMS ID: 06-11849

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *[Signature]*

Date Sampled: 02/10/06

Reported: 07/27/06

Date Received: 02/10/06

Date Extracted: 07/22/06

Sample Amount: 32.1 g-dry-wt

Date Analyzed: 07/26/06 15:13

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT2/PK

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 45.6%

Silica Gel Cleanup: No

pH: 8.0

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.2 | 50      |
| 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 |
| 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 | 10      |
| 86-30-6    | N-Nitrosodiphenylamine     | 65  | < 65 Y  |
| 100-51-6   | Benzyl Alcohol             | 31  | < 31 U  |
| 87-86-5    | Pentachlorophenol          | 31  | 19 J    |
| 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       | 60.4% | d5-Phenol         | 65.1% |
| 2-Fluorophenol         | 64.0% | d4-2-Chlorophenol | 60.3% |
| d4-1,2-Dichlorobenzene | 56.8% | d5-Nitrobenzene   | 93.2% |
| 2,4,6-Tribromophenol   | 90.4% | d14-p-Terphenyl   | 43.2% |

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC9-0-1**

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB30S

QC Report No: JB30-Windward Environmental, LLC

LIMS ID: 06-2820

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *MA*

Date Sampled: 02/13/06

Reported: 03/24/06

Date Received: 02/14/06

Date Extracted: 02/22/06

Sample Amount: 50.6 g-dry-wt

Date Analyzed: 03/23/06 19:26

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 31.9%

Silica Gel Cleanup: No

pH: 7.4

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | 18      |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | 18      |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | 390     |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | 28      |
| 95-48-7    | 2-Methylphenol             | 5.9 | 3.6 J   |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 66  | < 66 Y  |
| 100-51-6   | Benzyl Alcohol             | 30  | 140     |
| 87-86-5    | Pentachlorophenol          | 30  | 16 J    |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | 17      |
| 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       | 36.6% | d5-Phenol         | 49.0% |
| 2-Fluorophenol         | 50.7% | d4-2-Chlorophenol | 50.8% |
| d4-1,2-Dichlorobenzene | 44.8% | d5-Nitrobenzene   | 62.3% |
| 2,4,6-Tribromophenol   | 38.5% | d14-p-Terphenyl   | 38.0% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC9-0-1

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB30S

QC Report No: JB30-Windward Environmental, LLC

LIMS ID: 06-2820

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *AB*

Date Sampled: 02/13/06

Reported: 06/01/06

Date Received: 02/14/06

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

pH: 7.4

| CAS Number | Analyte            | RL | Result |
|------------|--------------------|----|--------|
| 105-67-9   | 2,4-Dimethylphenol | 17 | < 17 U |

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

**SIM Semivolatile Surrogate Recovery**

d5-Phenol 58.7%

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC9-1-2.6**

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB30T


QC Report No: JB30-Windward Environmental, LLC

LIMS ID: 06-2821

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: 

Date Sampled: 02/13/06

Reported: 03/24/06

Date Received: 02/14/06

Date Extracted: 02/22/06

Sample Amount: 45.5 g-dry-wt

Date Analyzed: 03/23/06 21:06

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 49.5%

Silica Gel Cleanup: No

pH: 7.5

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 6.6 | 9.2     |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 6.6 | 22      |
| 118-74-1   | Hexachlorobenzene          | 6.6 | < 6.6 U |
| 87-68-3    | Hexachlorobutadiene        | 6.6 | < 6.6 U |
| 65-85-0    | Benzoic Acid               | 66  | 540     |
| 85-68-7    | Butylbenzylphthalate       | 6.6 | 16      |
| 95-48-7    | 2-Methylphenol             | 6.6 | < 6.6 U |
| 105-67-9   | 2,4-Dimethylphenol         | 6.6 | < 6.6 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 140 | < 140 Y |
| 100-51-6   | Benzyl Alcohol             | 33  | < 33 U  |
| 87-86-5    | Pentachlorophenol          | 33  | 34      |
| 95-50-1    | 1,2-Dichlorobenzene        | 6.6 | 5.9 J   |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 33  | < 33 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 33  | < 33 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 29.6% | d5-Phenol         | 44.8% |
| 2-Fluorophenol         | 40.6% | d4-2-Chlorophenol | 45.0% |
| d4-1,2-Dichlorobenzene | 41.2% | d5-Nitrobenzene   | 59.6% |
| 2,4,6-Tribromophenol   | 31.6% | d14-p-Terphenyl   | 24.5% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC9-1-2.6

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB30T


QC Report No: JB30-Windward Environmental, LLC

LIMS ID: 06-2821

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: 

Date Sampled: 02/13/06

Reported: 06/01/06

Date Received: 02/14/06

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

pH: 7.5

| CAS Number | Analyte            | RL | Result |
|------------|--------------------|----|--------|
| 105-67-9   | 2,4-Dimethylphenol | 20 | < 20 U |

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

**SIM Semivolatile Surrogate Recovery**

d5-Phenol 53.9%

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC9-2.6-4**

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB30U

QC Report No: JB30-Windward Environmental, LLC

LIMS ID: 06-2822

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/13/06

Reported: 03/24/06

Date Received: 02/14/06

Date Extracted: 02/22/06

Sample Amount: 50.6 g-dry-wt

Date Analyzed: 03/23/06 21:39

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 39.3%

Silica Gel Cleanup: No

pH: 7.3

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | < 5.9 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | < 5.9 U |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | 100     |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | 7.7     |
| 95-48-7    | 2-Methylphenol             | 5.9 | < 5.9 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 21  | < 21 Y  |
| 100-51-6   | Benzyl Alcohol             | 30  | < 30 U  |
| 87-86-5    | Pentachlorophenol          | 30  | < 30 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | < 5.9 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       | 57.5% | d5-Phenol         | 61.9% |
| 2-Fluorophenol         | 60.2% | d4-2-Chlorophenol | 65.8% |
| d4-1,2-Dichlorobenzene | 61.1% | d5-Nitrobenzene   | 102%  |
| 2,4,6-Tribromophenol   | 62.4% | d14-p-Terphenyl   | 50.0% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC9-2.6-4  
SAMPLE

Lab Sample ID: JB30U  
LIMS ID: 06-2822  
Matrix: Sediment  
Data Release Authorized:  
Reported: 06/01/06

QC Report No: JB30-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/13/06  
Date Received: 02/14/06

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00  
pH: 7.3

| CAS Number | Analyte            | RL | Result |
|------------|--------------------|----|--------|
| 105-67-9   | 2,4-Dimethylphenol | 17 | < 17 U |

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

**SIM Semivolatile Surrogate Recovery**

|           |       |
|-----------|-------|
| d5-Phenol | 60.8% |
|-----------|-------|



**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC10-0-1  
SAMPLE

Lab Sample ID: JB20AH  
LIMS ID: 06-2606  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/24/06

QC Report No: JB20-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/10/06  
Date Received: 02/10/06

Date Extracted: 02/22/06  
Date Analyzed: 03/22/06 16:01  
Instrument/Analyst: NT6/PK  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 49.0 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 10.0  
Percent Moisture: 26.3%  
pH: 7.4

| CAS Number     | Analyte                     | RL        | Result    |
|----------------|-----------------------------|-----------|-----------|
| 106-46-7       | 1,4-Dichlorobenzene         | 20        | < 20 U    |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 20        | < 20 U    |
| 118-74-1       | Hexachlorobenzene           | 20        | < 20 U    |
| 87-68-3        | Hexachlorobutadiene         | 20        | < 20 U    |
| 65-85-0        | Benzoic Acid                | 200       | < 200 U   |
| <b>85-68-7</b> | <b>Butylbenzylphthalate</b> | <b>20</b> | <b>29</b> |
| 95-48-7        | 2-Methylphenol              | 20        | < 20 U    |
| 105-67-9       | 2,4-Dimethylphenol          | 20        | < 20 U    |
| 86-30-6        | N-Nitrosodiphenylamine      | 20        | < 20 U    |
| 100-51-6       | Benzyl Alcohol              | 100       | < 100 U   |
| 87-86-5        | Pentachlorophenol           | 100       | < 100 U   |
| 95-50-1        | 1,2-Dichlorobenzene         | 20        | < 20 U    |
| 621-64-7       | N-Nitroso-Di-N-Propylamine  | 100       | < 100 U   |
| 62-75-9        | N-Nitrosodimethylamine      | 100       | < 100 U   |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 41.6% | d5-Phenol         | 60.5% |
| 2-Fluorophenol         | 68.8% | d4-2-Chlorophenol | 68.0% |
| d4-1,2-Dichlorobenzene | 60.8% | d5-Nitrobenzene   | 141%  |
| 2,4,6-Tribromophenol   | 69.1% | d14-p-Terphenyl   | 59.6% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC10-0-1  
REEXTRACT

Lab Sample ID: JB20AH  
LIMS ID: 06-2606  
Matrix: Sediment  
Data Release Authorized:  
Reported: 06/02/06 *AS*

QC Report No: JB20-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/10/06  
Date Received: 02/10/06

Date Extracted: 05/19/06  
Date Analyzed: 05/25/06 19:30  
Instrument/Analyst: NT6/LJR  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 5.19 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 1.00  
Percent Moisture: 26.3%  
pH: 7.4

| CAS Number | Analyte            | RL | Result |
|------------|--------------------|----|--------|
| 105-67-9   | 2,4-Dimethylphenol | 19 | 27     |

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

**SIM Semivolatile Surrogate Recovery**

|           |       |
|-----------|-------|
| d5-Phenol | 64.5% |
|-----------|-------|

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC10-1-2  
SAMPLE

Lab Sample ID: JB20AI  
LIMS ID: 06-2607  
Matrix: Sediment  
Data Release Authorized: *AB*  
Reported: 03/24/06

QC Report No: JB20-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/10/06  
Date Received: 02/10/06

Date Extracted: 02/22/06  
Date Analyzed: 03/22/06 16:34  
Instrument/Analyst: NT6/PK  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 50.4 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 10.0  
Percent Moisture: 48.4%  
pH: 7.6

| CAS Number     | Analyte                     | RL        | Result     |
|----------------|-----------------------------|-----------|------------|
| 106-46-7       | 1,4-Dichlorobenzene         | 20        | < 20 U     |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 20        | < 20 U     |
| 118-74-1       | Hexachlorobenzene           | 20        | < 20 U     |
| 87-68-3        | Hexachlorobutadiene         | 20        | < 20 U     |
| 65-85-0        | Benzoic Acid                | 200       | < 200 U    |
| <b>85-68-7</b> | <b>Butylbenzylphthalate</b> | <b>20</b> | <b>160</b> |
| 95-48-7        | 2-Methylphenol              | 20        | < 20 U     |
| 105-67-9       | 2,4-Dimethylphenol          | 20        | < 20 U     |
| 86-30-6        | N-Nitrosodiphenylamine      | 100       | < 100 Y    |
| 100-51-6       | Benzyl Alcohol              | 99        | < 99 U     |
| 87-86-5        | Pentachlorophenol           | 99        | < 99 U     |
| 95-50-1        | 1,2-Dichlorobenzene         | 20        | < 20 U     |
| 621-64-7       | N-Nitroso-Di-N-Propylamine  | 99        | < 99 U     |
| 62-75-9        | N-Nitrosodimethylamine      | 99        | < 99 U     |

Reported in µg/kg (ppb)

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 30.4% | d5-Phenol         | 53.3% |
| 2-Fluorophenol         | 57.9% | d4-2-Chlorophenol | 60.0% |
| d4-1,2-Dichlorobenzene | 50.0% | d5-Nitrobenzene   | 118%  |
| 2,4,6-Tribromophenol   | 48.5% | d14-p-Terphenyl   | 49.6% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC10-1-2

Page 1 of 1

REEXTRACT

Lab Sample ID: JB20AI

QC Report No: JB20-Windward Environmental, LLC

LIMS ID: 06-2607

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *AS*

Date Sampled: 02/10/06

Reported: 06/02/06

Date Received: 02/10/06

Date Extracted: 05/19/06

Sample Amount: 5.69 g-dry-wt

Date Analyzed: 05/25/06 20:03

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 48.4%

Silica Gel Cleanup: No

pH: 7.6

| CAS Number | Analyte            | RL | Result |
|------------|--------------------|----|--------|
| 105-67-9   | 2,4-Dimethylphenol | 18 | < 18 U |

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

**SIM Semivolatile Surrogate Recovery**

d5-Phenol 60.8%

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC10-2-4  
SAMPLE

Lab Sample ID: JB20AJ  
LIMS ID: 06-2608  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/24/06

QC Report No: JB20-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/10/06  
Date Received: 02/10/06

Date Extracted: 02/22/06  
Date Analyzed: 03/22/06 17:07  
Instrument/Analyst: NT6/PK  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 50.5 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 10.0  
Percent Moisture: 44.8%  
pH: 7.4

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 20  | 38      |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 20  | < 20 U  |
| 118-74-1   | Hexachlorobenzene          | 20  | < 20 U  |
| 87-68-3    | Hexachlorobutadiene        | 20  | < 20 U  |
| 65-85-0    | Benzoic Acid               | 200 | < 200 U |
| 85-68-7    | Butylbenzylphthalate       | 20  | 180     |
| 95-48-7    | 2-Methylphenol             | 20  | < 20 U  |
| 105-67-9   | 2,4-Dimethylphenol         | 20  | < 20 U  |
| 86-30-6    | N-Nitrosodiphenylamine     | 110 | < 110 Y |
| 100-51-6   | Benzyl Alcohol             | 99  | < 99 U  |
| 87-86-5    | Pentachlorophenol          | 99  | < 99 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 20  | 9.9 J   |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 99  | < 99 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 99  | < 99 U  |

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


**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 31.6% | d5-Phenol         | 60.8% |
| 2-Fluorophenol         | 61.9% | d4-2-Chlorophenol | 61.9% |
| d4-1,2-Dichlorobenzene | 54.8% | d5-Nitrobenzene   | 128%  |
| 2,4,6-Tribromophenol   | 51.5% | d14-p-Terphenyl   | 54.0% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC10-2-4  
REEXTRACT

Lab Sample ID: JB20AJ  
LIMS ID: 06-2608  
Matrix: Sediment  
Data Release Authorized:   
Reported: 06/02/06

QC Report No: JB20-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/10/06  
Date Received: 02/10/06

Date Extracted: 05/19/06  
Date Analyzed: 05/25/06 20:35  
Instrument/Analyst: NT6/LJR  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 5.53 g-dry wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 1.00  
Percent Moisture: 44.8%  
pH: 7.4

| CAS Number | Analyte            | RL | Result |
|------------|--------------------|----|--------|
| 105-67-9   | 2,4-Dimethylphenol | 18 | < 18 U |

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

**SIM Semivolatile Surrogate Recovery**

|           |       |
|-----------|-------|
| d5-Phenol | 79.2% |
|-----------|-------|

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC10-4-5

Page 1 of 1

SAMPLE

Lab Sample ID: JH57S


QC Report No: JH57-Windward Environmental, LLC

LIMS ID: 06-7260

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: 

Date Sampled: 02/10/06

Reported: 05/23/06

Date Received: 02/10/06

Date Extracted: 05/10/06

Sample Amount: 30.4 g-dry-wt

Date Analyzed: 05/17/06 19:54

Final Extract Volume: 2.0 mL

Instrument/Analyst: U/PK

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 49.6%

Silica Gel Cleanup: No

pH: 7.8

| CAS Number | Analyte                    | RI  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.6 | 18      |
| 106-46-7   | 1,4-Dichlorobenzene        | 6.6 | 7.9     |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 6.6 | < 6.6 U |
| 118-74-1   | Hexachlorobenzene          | 6.6 | < 6.6 U |
| 87-68-3    | Hexachlorobutadiene        | 6.6 | < 6.6 U |
| 131-11-3   | Dimethylphthalate          | 6.6 | < 6.6 U |
| 85-68-7    | Butylbenzylphthalate       | 6.6 | 18      |
| 95-48-7    | 2-Methylphenol             | 6.6 | < 6.6 U |
| 105-67-9   | 2,4-Dimethylphenol         | 6.6 | < 6.6 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 32  | < 32 Y  |
| 100-51-6   | Benzyl Alcohol             | 33  | < 33 U  |
| 87-86-5    | Pentachlorophenol          | 33  | < 33 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 6.6 | 10      |
| 541-73-1   | 1,3-Dichlorobenzene        | 6.6 | < 6.6 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 33  | < 33 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 33  | < 33 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 72.0% | d5-Phenol         | 78.4% |
| 2-Fluorophenol         | 74.9% | d4-2-Chlorophenol | 68.0% |
| d4-1,2-Dichlorobenzene | 69.2% | d5-Nitrobenzene   | 82.4% |
| 2,4,6-Tribromophenol   | 84.3% | d14-p-Terphenyl   | 66.4% |

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC11-0-.8**

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB310

QC Report No: JB31-Windward Environmental, LLC

LIMS ID: 06-2839

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/13/06

Reported: 03/15/06

Date Received: 02/13/06

Date Extracted: 02/24/06

Sample Amount: 23.2 g-dry-wt

Date Analyzed: 03/08/06 20:59

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 46.1%

Silica Gel Cleanup: No

pH: 7.7

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 6.5 | < 6.5 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 6.5 | 4.5 J   |
| 118-74-1   | Hexachlorobenzene          | 6.5 | < 6.5 U |
| 87-68-3    | Hexachlorobutadiene        | 6.5 | < 6.5 U |
| 65-85-0    | Benzoic Acid               | 65  | 130     |
| 85-68-7    | Butylbenzylphthalate       | 6.5 | 28      |
| 95-48-7    | 2-Methylphenol             | 6.5 | 5.2 J   |
| 105-67-9   | 2,4-Dimethylphenol         | 6.5 | 25      |
| 86-30-6    | N-Nitrosodiphenylamine     | 63  | < 63 Y  |
| 100-51-6   | Benzyl Alcohol             | 32  | < 32 U  |
| 87-86-5    | Pentachlorophenol          | 32  | < 32 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 6.5 | < 6.5 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 32  | 36      |
| 62-75-9    | N-Nitrosodimethylamine     | 32  | < 32 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 45.1% | d5-Phenol         | 59.1% |
| 2-Fluorophenol         | 62.7% | d4-2-Chlorophenol | 63.4% |
| d4-1,2-Dichlorobenzene | 51.1% | d5-Nitrobenzene   | 56.0% |
| 2,4,6-Tribromophenol   | 60.0% | d14-p-Terphenyl   | 49.4% |



**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC11-.8-2

Page 1 of 1

SAMPLE

Lab Sample ID: JB31P

QC Report No: JB31-Windward Environmental, LLC

LIMS ID: 06-2840

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *[Signature]*

Date Sampled: 02/13/06

Reported: 03/15/06

Date Received: 02/13/06

Date Extracted: 02/24/06

Sample Amount: 25.8 g-dry-wt

Date Analyzed: 03/08/06 21:33

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 24.8%

Silica Gel Cleanup: No

pH: 7.3

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.8 | < 5.8 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.8 | < 5.8 U |
| 118-74-1   | Hexachlorobenzene          | 5.8 | < 5.8 U |
| 87-68-3    | Hexachlorobutadiene        | 5.8 | < 5.8 U |
| 65-85-0    | Benzoic Acid               | 58  | 77      |
| 85-68-7    | Butylbenzylphthalate       | 5.8 | < 5.8 U |
| 95-48-7    | 2-Methylphenol             | 5.8 | < 5.8 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.8 | < 5.8 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 5.8 | < 5.8 U |
| 100-51-6   | Benzyl Alcohol             | 29  | < 29 U  |
| 87-86-5    | Pentachlorophenol          | 29  | < 29 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.8 | < 5.8 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 29  | < 29 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 29  | < 29 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 72.4% | d5-Phenol         | 83.2% |
| 2-Fluorophenol         | 84.0% | d4-2-Chlorophenol | 83.2% |
| d4-1,2-Dichlorobenzene | 65.8% | d5-Nitrobenzene   | 78.6% |
| 2,4,6-Tribromophenol   | 88.8% | d14-p-Terphenyl   | 80.2% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC11-2-3.4

Page 1 of 1

SAMPLE

Lab Sample ID: JB31Q

QC Report No: JB31-Windward Environmental, LLC

LIMS ID: 06-2841

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/13/06

Reported: 03/15/06

Date Received: 02/13/06

Date Extracted: 02/24/06

Sample Amount: 25.3 g-dry-wt

Date Analyzed: 03/08/06 22:07

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 30.4%

Silica Gel Cleanup: No

pH: 8.0

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | < 5.9 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | < 5.9 U |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | 66      |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | < 5.9 U |
| 95-48-7    | 2-Methylphenol             | 5.9 | < 5.9 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 5.9 | < 5.9 U |
| 100-51-6   | Benzyl Alcohol             | 30  | < 30 U  |
| 87-86-5    | Pentachlorophenol          | 30  | < 30 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | < 5.9 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       | 72.2% | d5-Phenol         | 84.8% |
| 2-Fluorophenol         | 78.1% | d4-2-Chlorophenol | 78.8% |
| d4-1,2-Dichlorobenzene | 66.6% | d5-Nitrobenzene   | 75.5% |
| 2,4,6-Tribromophenol   | 89.6% | d14-p-Terphenyl   | 83.4% |

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC11-3.4-4.1**

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB31R


QC Report No: JB31-Windward Environmental, LLC

LIMS ID: 06-2842

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: 

Date Sampled: 02/13/06

Reported: 03/20/06

Date Received: 02/13/06

Date Extracted: 02/24/06

Sample Amount: 25.9 g-dry-wt

Date Analyzed: 03/17/06 15:24

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 12.8%

Silica Gel Cleanup: No

pH: 7.3

| CAS Number | Analyte                    | RL        | Result     |
|------------|----------------------------|-----------|------------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.8       | < 5.8 U    |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.8       | < 5.8 U    |
| 118-74-1   | Hexachlorobenzene          | 5.8       | < 5.8 U    |
| 87-68-3    | Hexachlorobutadiene        | 5.8       | < 5.8 U    |
| 65-85-0    | <b>Benzoic Acid</b>        | <b>58</b> | <b>130</b> |
| 85-68-7    | Butylbenzylphthalate       | 5.8       | < 5.8 U    |
| 95-48-7    | 2-Methylphenol             | 5.8       | < 5.8 U    |
| 105-67-9   | 2,4-Dimethylphenol         | 5.8       | < 5.8 U    |
| 86-30-6    | N-Nitrosodiphenylamine     | 5.8       | < 5.8 U    |
| 100-51-6   | Benzyl Alcohol             | 29        | < 29 U     |
| 87-86-5    | Pentachlorophenol          | 29        | < 29 U     |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.8       | < 5.8 U    |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 29        | < 29 U     |
| 62-75-9    | N-Nitrosodimethylamine     | 29        | < 29 U     |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 73.0% | d5-Phenol         | 92.0% |
| 2-Fluorophenol         | 75.8% | d4-2-Chlorophenol | 85.6% |
| d4-1,2-Dichlorobenzene | 63.6% | d5-Nitrobenzene   | 86.0% |
| 2,4,6-Tribromophenol   | 83.2% | d14-p-Terphenyl   | 83.6% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC12-0-2

Page 1 of 1

SAMPLE

Lab Sample ID: JB82S

QC Report No: JB82-Windward Environmental, LLC

LIMS ID: 06-3268

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/16/06

Reported: 03/29/06

Date Received: 02/16/06

Date Extracted: 02/28/06

Sample Amount: 25.6 g-dry-wt

Date Analyzed: 03/28/06 20:27

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 48.1%

Silica Gel Cleanup: No

pH: 7.6

| CAS Number | Analyte                     | RL         | Result       |
|------------|-----------------------------|------------|--------------|
| 106-46-7   | 1,4-Dichlorobenzene         | 5.9        | < 5.9 U      |
| 120-82-1   | 1,2,4-Trichlorobenzene      | 5.9        | < 5.9 U      |
| 118-74-1   | Hexachlorobenzene           | 5.9        | < 5.9 U      |
| 87-68-3    | Hexachlorobutadiene         | 5.9        | < 5.9 U      |
| 65-85-0    | <b>Benzoic Acid</b>         | <b>59</b>  | <b>120 B</b> |
| 85-68-7    | <b>Butylbenzylphthalate</b> | <b>5.9</b> | <b>32</b>    |
| 95-48-7    | 2-Methylphenol              | 5.9        | < 5.9 U      |
| 105-67-9   | 2,4-Dimethylphenol          | 5.9        | < 5.9 U      |
| 86-30-6    | N-Nitrosodiphenylamine      | 21         | < 21 Y       |
| 100-51-6   | Benzyl Alcohol              | 29         | < 29 U       |
| 87-86-5    | Pentachlorophenol           | 29         | < 29 U       |
| 95-50-1    | 1,2-Dichlorobenzene         | 5.9        | < 5.9 U      |
| 621-64-7   | N-Nitroso-Di-N-Propylamine  | 29         | < 29 U       |
| 62-75-9    | N-Nitrosodimethylamine      | 29         | < 29 U       |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 57.0% | d5-Phenol         | 72.6% |
| 2-Fluorophenol         | 63.9% | d4-2-Chlorophenol | 76.6% |
| d4-1,2-Dichlorobenzene | 66.5% | d5-Nitrobenzene   | 227%  |
| 2,4,6-Tribromophenol   | 67.0% | d14-p-Terphenyl   | 96.1% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC12-2-4

Page 1 of 1

SAMPLE

Lab Sample ID: JB82T

QC Report No: JB82-Windward Environmental, LLC

LIMS ID: 06-3269

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *AB*

Date Sampled: 02/16/06

Reported: 03/29/06

Date Received: 02/16/06

Date Extracted: 02/28/06

Sample Amount: 25.1 g-dry-wt

Date Analyzed: 03/28/06 21:01

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 46.6%

Silica Gel Cleanup: No

pH: 8.0

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 12  | < 12 U  |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 12  | < 12 U  |
| 118-74-1   | Hexachlorobenzene          | 12  | < 12 U  |
| 87-68-3    | Hexachlorobutadiene        | 12  | < 12 U  |
| 65-85-0    | Benzoic Acid               | 120 | < 120 U |
| 85-68-7    | Butylbenzylphthalate       | 12  | < 12 U  |
| 95-48-7    | 2-Methylphenol             | 12  | < 12 U  |
| 105-67-9   | 2,4-Dimethylphenol         | 12  | < 12 U  |
| 86-30-6    | N-Nitrosodiphenylamine     | 47  | < 47 Y  |
| 100-51-6   | Benzyl Alcohol             | 60  | < 60 U  |
| 87-86-5    | Pentachlorophenol          | 60  | < 60 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 12  | < 12 U  |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 60  | < 60 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 60  | < 60 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 63.4% | d5-Phenol         | 81.9% |
| 2-Fluorophenol         | 69.8% | d4-2-Chlorophenol | 81.1% |
| d4-1,2-Dichlorobenzene | 64.6% | d5-Nitrobenzene   | 105%  |
| 2,4,6-Tribromophenol   | 74.9% | d14-p-Terphenyl   | 67.2% |

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC13-0-2**

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB30B


QC Report No: JB30-Windward Environmental, LLC

LIMS ID: 06-2803

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: 

Date Sampled: 02/13/06

Reported: 03/24/06

Date Received: 02/14/06

Date Extracted: 02/22/06

Sample Amount: 44.0 g-dry-wt

Date Analyzed: 03/23/06 18:19

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 34.8%

Silica Gel Cleanup: No

pH: 7.4

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 6.8 | < 6.8 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 6.8 | 4.8 J   |
| 118-74-1   | Hexachlorobenzene          | 6.8 | < 6.8 U |
| 87-68-3    | Hexachlorobutadiene        | 6.8 | < 6.8 U |
| 65-85-0    | Benzoic Acid               | 68  | 220     |
| 85-68-7    | Butylbenzylphthalate       | 6.8 | < 6.8 U |
| 95-48-7    | 2-Methylphenol             | 6.8 | < 6.8 U |
| 105-67-9   | 2,4-Dimethylphenol         | 6.8 | < 6.8 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 84  | < 84 Y  |
| 100-51-6   | Benzyl Alcohol             | 34  | < 34 U  |
| 87-86-5    | Pentachlorophenol          | 34  | 18 J    |
| 95-50-1    | 1,2-Dichlorobenzene        | 6.8 | < 6.8 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 34  | < 34 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 34  | < 34 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 61.1% | d5-Phenol         | 54.2% |
| 2-Fluorophenol         | 48.8% | d4-2-Chlorophenol | 61.5% |
| d4-1,2-Dichlorobenzene | 51.5% | d5-Nitrobenzene   | 61.8% |
| 2,4,6-Tribromophenol   | 58.2% | d14-p-Terphenyl   | 53.2% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC13-0-2

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB30B

QC Report No: JB30-Windward Environmental, LLC

LIMS ID: 06-2803

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *MB*

Date Sampled: 02/13/06

Reported: 06/01/06

Date Received: 02/14/06

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

pH: 7.4

| CAS Number | Analyte            | RL | Result |
|------------|--------------------|----|--------|
| 105-67-9   | 2,4-Dimethylphenol | 19 | < 19 U |

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

**SIM Semivolatile Surrogate Recovery**

d5-Phenol 71.5%

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC13-2-4**

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB30C

QC Report No: JB30-Windward Environmental, LLC

LIMS ID: 06-2804

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *[Signature]*

Date Sampled: 02/13/06

Reported: 03/24/06

Date Received: 02/14/06

Date Extracted: 02/22/06

Sample Amount: 50.4 g-dry-wt

Date Analyzed: 03/23/06 18:53

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 33.1%

Silica Gel Cleanup: No

pH: 7.8

| CAS Number     | Analyte                    | RL        | Result     |
|----------------|----------------------------|-----------|------------|
| 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    |
| <b>65-85-0</b> | <b>Benzoic Acid</b>        | <b>60</b> | <b>120</b> |
| 85-68-7        | Butylbenzylphthalate       | 6.0       | < 6.0 U    |
| 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     | 64        | < 64 Y     |
| 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       | 58.3% | d5-Phenol         | 57.6% |
| 2-Fluorophenol         | 60.7% | d4-2-Chlorophenol | 60.2% |
| d4-1,2-Dichlorobenzene | 54.1% | d5-Nitrobenzene   | 75.4% |
| 2,4,6-Tribromophenol   | 60.5% | d14-p-Terphenyl   | 51.0% |



**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC13-2-4

Page 1 of 1

SAMPLE

Lab Sample ID: JB30C

QC Report No: JB30-Windward Environmental, LLC

LIMS ID: 06-2804

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/13/06

Reported: 06/01/06

Date Received: 02/14/06

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

pH: 7.8

| CAS Number | Analyte            | RL | Result |
|------------|--------------------|----|--------|
| 105-67-9   | 2,4-Dimethylphenol | 18 | < 18 U |

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

**SIM Semivolatile Surrogate Recovery**

d5-Phenol

64.0%

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC14-0-1.4

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB31H

QC Report No: JB31-Windward Environmental, LLC

LIMS ID: 06-2832

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/13/06

Reported: 03/15/06

Date Received: 02/13/06

Date Extracted: 02/24/06

Sample Amount: 25.2 g-dry-wt

Date Analyzed: 03/08/06 19:18

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 43.0%

Silica Gel Cleanup: No

pH: 7.6

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 6.0 | 6.0     |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 6.0 | 7.1     |
| 118-74-1   | Hexachlorobenzene          | 6.0 | < 6.0 U |
| 87-68-3    | Hexachlorobutadiene        | 6.0 | < 6.0 U |
| 65-85-0    | Benzoic Acid               | 60  | 97      |
| 85-68-7    | Butylbenzylphthalate       | 6.0 | 100     |
| 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     | 26  | < 26 Y  |
| 100-51-6   | Benzyl Alcohol             | 30  | < 30 U  |
| 87-86-5    | Pentachlorophenol          | 30  | < 30 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 6.0 | 6.6     |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 30  | 30      |
| 62-75-9    | N-Nitrosodimethylamine     | 30  | < 30 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 51.5% | d5-Phenol         | 74.6% |
| 2-Fluorophenol         | 66.6% | d4-2-Chlorophenol | 68.9% |
| d4-1,2-Dichlorobenzene | 58.1% | d5-Nitrobenzene   | 63.5% |
| 2,4,6-Tribromophenol   | 67.8% | d14-p-Terphenyl   | 50.3% |

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC14-1.4-2**

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB31I


QC Report No: JB31-Windward Environmental, LLC

LIMS ID: 06-2833

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: 

Date Sampled: 02/13/06

Reported: 03/15/06

Date Received: 02/13/06

Date Extracted: 02/24/06

Sample Amount: 25.4 g-dry-wt

Date Analyzed: 03/08/06 19:52

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 46.0%

Silica Gel Cleanup: No

pH: 7.4

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | 3.5 J   |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | 5.3 J   |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | 82      |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | 51      |
| 95-48-7    | 2-Methylphenol             | 5.9 | < 5.9 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 20  | < 20 Y  |
| 100-51-6   | Benzyl Alcohol             | 30  | < 30 U  |
| 87-86-5    | Pentachlorophenol          | 30  | < 30 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | 5.3 J   |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 30  | 21 J    |
| 62-75-9    | N-Nitrosodimethylamine     | 30  | < 30 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 49.0% | d5-Phenol         | 63.5% |
| 2-Fluorophenol         | 57.0% | d4-2-Chlorophenol | 59.0% |
| d4-1,2-Dichlorobenzene | 49.4% | d5-Nitrobenzene   | 53.5% |
| 2,4,6-Tribromophenol   | 60.9% | d14-p-Terphenyl   | 42.2% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC14-2-4.1

Page 1 of 1

SAMPLE

Lab Sample ID: JB31J

QC Report No: JB31-Windward Environmental, LLC

LIMS ID: 06-2834

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/13/06

Reported: 03/15/06

Date Received: 02/13/06

Date Extracted: 02/24/06

Sample Amount: 25.5 g-dry-wt

Date Analyzed: 03/08/06 20:26

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 49.1%

Silica Gel Cleanup: No

pH: 7.1

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | < 5.9 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | 4.7 J   |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | 120     |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | 110     |
| 95-48-7    | 2-Methylphenol             | 5.9 | < 5.9 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 26  | < 26 Y  |
| 100-51-6   | Benzyl Alcohol             | 29  | < 29 U  |
| 87-86-5    | Pentachlorophenol          | 29  | < 29 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | < 5.9 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 29  | < 29 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 29  | < 29 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 55.1% | d5-Phenol         | 71.4% |
| 2-Fluorophenol         | 65.5% | d4-2-Chlorophenol | 68.8% |
| d4-1,2-Dichlorobenzene | 54.7% | d5-Nitrobenzene   | 66.6% |
| 2,4,6-Tribromophenol   | 73.6% | d14-p-Terphenyl   | 55.2% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC14-4.1-6

Page 1 of 1

**SAMPLE**

Lab Sample ID: JH57Y

QC Report No: JH57-Windward Environmental, LLC

LIMS ID: 06-7266

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/13/06

Reported: 05/23/06

Date Received: 02/13/06

Date Extracted: 05/10/06

Sample Amount: 30.3 g-dry-wt

Date Analyzed: 05/18/06 15:45

Final Extract Volume: 2.0 mL

Instrument/Analyst: /PK

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 48.2%

Silica Gel Cleanup: No

pH: 7.7

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.6 | 26      |
| 106-46-7   | 1,4-Dichlorobenzene        | 6.6 | 5.3 J   |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 6.6 | < 6.6 U |
| 118-74-1   | Hexachlorobenzene          | 6.6 | < 6.6 U |
| 87-68-3    | Hexachlorobutadiene        | 6.6 | < 6.6 U |
| 131-11-3   | Dimethylphthalate          | 6.6 | < 6.6 U |
| 85-68-7    | Butylbenzylphthalate       | 6.6 | 13      |
| 95-48-7    | 2-Methylphenol             | 6.6 | < 6.6 U |
| 105-67-9   | 2,4-Dimethylphenol         | 6.6 | 7.3     |
| 86-30-6    | N-Nitrosodiphenylamine     | 84  | < 84 Y  |
| 100-51-6   | Benzyl Alcohol             | 33  | < 33 U  |
| 87-86-5    | Pentachlorophenol          | 33  | 39      |
| 95-50-1    | 1,2-Dichlorobenzene        | 6.6 | < 6.6 U |
| 541-73-1   | 1,3-Dichlorobenzene        | 6.6 | < 6.6 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 33  | < 33 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 33  | < 33 U  |

Reported in µg/kg (ppb)

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 107%  | d5-Phenol         | 76.8% |
| 2-Fluorophenol         | 72.0% | d4-2-Chlorophenol | 67.5% |
| d4-1,2-Dichlorobenzene | 67.6% | d5-Nitrobenzene   | 102%  |
| 2,4,6-Tribromophenol   | 112%  | d14-p-Terphenyl   | 49.6% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC14-4.1-6

Page 1 of 1

REANALYSIS

Lab Sample ID: JH57Y

QC Report No: JH57-Windward Environmental, LLC

LIMS ID: 06-7266

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/13/06

Reported: 05/23/06

Date Received: 02/13/06

Date Extracted: 05/10/06

Sample Amount: 30.3 g-dry-wt

Date Analyzed: 05/19/06 14:36

Final Extract Volume: 2.0 mL

Instrument/Analyst: /PK

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 48.2%

Silica Gel Cleanup: No

pH: 7.7

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.6 | 36      |
| 106-46-7   | 1,4-Dichlorobenzene        | 6.6 | 4.6 J   |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 6.6 | < 6.6 U |
| 118-74-1   | Hexachlorobenzene          | 6.6 | < 6.6 U |
| 87-68-3    | Hexachlorobutadiene        | 6.6 | < 6.6 U |
| 131-11-3   | Dimethylphthalate          | 6.6 | < 6.6 U |
| 85-68-7    | Butylbenzylphthalate       | 6.6 | 24      |
| 95-48-7    | 2-Methylphenol             | 6.6 | < 6.6 U |
| 105-67-9   | 2,4-Dimethylphenol         | 6.6 | < 6.6 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 75  | < 75 Y  |
| 100-51-6   | Benzyl Alcohol             | 33  | < 33 U  |
| 87-86-5    | Pentachlorophenol          | 33  | 39      |
| 95-50-1    | 1,2-Dichlorobenzene        | 6.6 | < 6.6 U |
| 541-73-1   | 1,3-Dichlorobenzene        | 6.6 | < 6.6 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 33  | < 33 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 33  | < 33 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 96.8% | d5-Phenol         | 79.5% |
| 2-Fluorophenol         | 75.5% | d4-2-Chlorophenol | 71.7% |
| d4-1,2-Dichlorobenzene | 69.6% | d5-Nitrobenzene   | 82.4% |
| 2,4,6-Tribromophenol   | 84.0% | d14-p-Terphenyl   | 52.4% |

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC15-0-1**

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB98A


QC Report No: JB98-Windward Environmental, LLC

LIMS ID: 06-3365

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: 

Date Sampled: 02/17/06

Reported: 03/23/06

Date Received: 02/17/06

Date Extracted: 03/02/06

Sample Amount: 25.3 g-dry-wt

Date Analyzed: 03/17/06 17:08

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 51.5%

Silica Gel Cleanup: No

pH: 6.4


| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | 3.6 J   |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | < 5.9 U |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | 130     |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | 34      |
| 95-48-7    | 2-Methylphenol             | 5.9 | < 5.9 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 26  | < 26 Y  |
| 100-51-6   | Benzyl Alcohol             | 30  | < 30 U  |
| 87-86-5    | Pentachlorophenol          | 30  | 28 J    |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | < 5.9 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       | 76.9% | d5-Phenol         | 61.3% |
| 2-Fluorophenol         | 66.7% | d4-2-Chlorophenol | 63.8% |
| d4-1,2-Dichlorobenzene | 55.8% | d5-Nitrobenzene   | 82.1% |
| 2,4,6-Tribromophenol   | 92.8% | d14-p-Terphenyl   | 56.3% |

0023

~~0023~~ 

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC15-1-2**

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB98B  
LIMS ID: 06-3366  
Matrix: Sediment  
Data Release Authorized: *MA*  
Reported: 03/23/06

QC Report No: JB98-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/17/06  
Date Received: 02/17/06

Date Extracted: 03/02/06  
Date Analyzed: 03/17/06 17:41  
Instrument/Analyst: NT2/VTS  
GPC Cleanup: No  
Silica Gel Cleanup: No


Sample Amount: 25.4 g-dry-wt  
Final Extract Volume: 0.5 mL  
Dilution Factor: 3.00  
Percent Moisture: 49.3%  
pH: 7.1

| CAS Number     | Analyte                     | RL         | Result      |
|----------------|-----------------------------|------------|-------------|
| 106-46-7       | 1,4-Dichlorobenzene         | 5.9        | < 5.9 U     |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 5.9        | < 5.9 U     |
| 118-74-1       | Hexachlorobenzene           | 5.9        | < 5.9 U     |
| 87-68-3        | Hexachlorobutadiene         | 5.9        | < 5.9 U     |
| <b>65-85-0</b> | <b>Benzoic Acid</b>         | <b>59</b>  | <b>120</b>  |
| <b>85-68-7</b> | <b>Butylbenzylphthalate</b> | <b>5.9</b> | <b>31</b>   |
| 95-48-7        | 2-Methylphenol              | 5.9        | < 5.9 U     |
| 105-67-9       | 2,4-Dimethylphenol          | 5.9        | < 5.9 U     |
| 86-30-6        | N-Nitrosodiphenylamine      | 23         | < 23 Y      |
| 100-51-6       | Benzyl Alcohol              | 30         | < 30 U      |
| <b>87-86-5</b> | <b>Pentachlorophenol</b>    | <b>30</b>  | <b>24 J</b> |
| 95-50-1        | 1,2-Dichlorobenzene         | 5.9        | < 5.9 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       | 71.0% | d5-Phenol         | 70.3% |
| 2-Fluorophenol         | 67.8% | d4-2-Chlorophenol | 70.6% |
| d4-1,2-Dichlorobenzene | 59.8% | d5-Nitrobenzene   | 91.0% |
| 2,4,6-Tribromophenol   | 84.0% | d14-p-Terphenyl   | 60.0% |

0023 



**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC15-2-4

Page 1 of 1

SAMPLE

Lab Sample ID: JB98C


QC Report No: JB98-Windward Environmental, LLC

LIMS ID: 06-3367

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: 

Date Sampled: 02/17/06

Reported: 03/23/06

Date Received: 02/17/06

Date Extracted: 03/02/06

Sample Amount: 25.1 g-dry-wt

Date Analyzed: 03/17/06 18:14

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 47.8%

Silica Gel Cleanup: No

pH: 6.7

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 6.0 | 3.0 J   |
| 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 |
| 65-85-0    | Benzoic Acid               | 60  | 130     |
| 85-68-7    | Butylbenzylphthalate       | 6.0 | 39      |
| 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     | 38  | < 38 Y  |
| 100-51-6   | Benzyl Alcohol             | 30  | < 30 U  |
| 87-86-5    | Pentachlorophenol          | 30  | 43      |
| 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       | 58.6% | d5-Phenol         | 63.9% |
| 2-Fluorophenol         | 68.4% | d4-2-Chlorophenol | 63.4% |
| d4-1,2-Dichlorobenzene | 53.4% | d5-Nitrobenzene   | 78.7% |
| 2,4,6-Tribromophenol   | 66.2% | d14-p-Terphenyl   | 48.5% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS      Sample ID: LDW-SC16-0-2  
Page 1 of 1      SAMPLE

Lab Sample ID: JB46F  
LIMS ID: 06-2921  
Matrix: Sediment  
Data Release Authorized: *[Signature]*  
Reported: 03/30/06

QC Report No: JB46-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/14/06  
Date Received: 02/14/06

Date Extracted: 02/24/06  
Date Analyzed: 03/21/06 19:19  
Instrument/Analyst: NT6/VTS  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 50.7 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 3.00  
Percent Moisture: 49.0%  
pH: 7.2

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | < 5.9 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | < 5.9 U |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | 63 B    |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | 29      |
| 95-48-7    | 2-Methylphenol             | 5.9 | 3.0 J   |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 37  | < 37 Y  |
| 100-51-6   | Benzyl Alcohol             | 30  | < 30 U  |
| 87-86-5    | Pentachlorophenol          | 30  | < 30 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | < 5.9 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       | 34.6% | d5-Phenol         | 54.9% |
| 2-Fluorophenol         | 47.8% | d4-2-Chlorophenol | 55.4% |
| d4-1,2-Dichlorobenzene | 43.0% | d5-Nitrobenzene   | 57.1% |
| 2,4,6-Tribromophenol   | 55.2% | d14-p-Terphenyl   | 46.8% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC16-0-2  
DILUTION

Lab Sample ID: JB46F  
LIMS ID: 06-2921  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/30/06

QC Report No: JB46-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/14/06  
Date Received: 02/14/06

Date Extracted: 02/24/06  
Date Analyzed: 03/22/06 19:19  
Instrument/Analyst: NT6/VTS  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 50.7 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 10.0  
Percent Moisture: 49.0%  
pH: 7.2

| CAS Number     | Analyte                     | RL        | Result    |
|----------------|-----------------------------|-----------|-----------|
| 106-46-7       | 1,4-Dichlorobenzene         | 20        | < 20 U    |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 20        | < 20 U    |
| 118-74-1       | Hexachlorobenzene           | 20        | < 20 U    |
| 87-68-3        | Hexachlorobutadiene         | 20        | < 20 U    |
| 65-85-0        | Benzoic Acid                | 200       | < 200 U   |
| <b>85-68-7</b> | <b>Butylbenzylphthalate</b> | <b>20</b> | <b>28</b> |
| 95-48-7        | 2-Methylphenol              | 20        | < 20 U    |
| 105-67-9       | 2,4-Dimethylphenol          | 20        | < 20 U    |
| 86-30-6        | N-Nitrosodiphenylamine      | 20        | < 20 U    |
| 100-51-6       | Benzyl Alcohol              | 99        | < 99 U    |
| 87-86-5        | Pentachlorophenol           | 99        | < 99 U    |
| 95-50-1        | 1,2-Dichlorobenzene         | 20        | < 20 U    |
| 621-64-7       | N-Nitroso-Di-N-Propylamine  | 99        | < 99 U    |
| 62-75-9        | N-Nitrosodimethylamine      | 99        | < 99 U    |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 34.0% | d5-Phenol         | 51.5% |
| 2-Fluorophenol         | 53.1% | d4-2-Chlorophenol | 54.9% |
| d4-1,2-Dichlorobenzene | 44.0% | d5-Nitrobenzene   | 107%  |
| 2,4,6-Tribromophenol   | 53.6% | d14-p-Terphenyl   | 52.8% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC16-0-2

Page 1 of 1

REEXTRACT

Lab Sample ID: JB46F

QC Report No: JB46-Windward Environmental, LLC

LIMS ID: 06-2921

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *[Signature]*

Date Sampled: 02/14/06

Reported: 06/02/06

Date Received: 02/14/06

Date Extracted: 05/19/06

Sample Amount: 5.63 g-dry-wt

Date Analyzed: 05/26/06 01:58

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 49.0%

Silica Gel Cleanup: No

pH: 7.2

| CAS Number | Analyte            | RL | Result |
|------------|--------------------|----|--------|
| 105-67-9   | 2,4-Dimethylphenol | 18 | < 18 U |

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

**SIM Semivolatile Surrogate Recovery**

d5-Phenol 70.7%

**ORGANICS ANALYSIS DATA SHEET**  
**Semivolatiles by Selected Ion Monitoring GC/MS**  
 Page 1 of 1

Sample ID: LDW-SC16-2-4  
**SAMPLE**

Lab Sample ID: JB46G  
 LIMS ID: 06-2922  
 Matrix: Sediment  
 Data Release Authorized:  
 Reported: 03/30/06

QC Report No: JB46-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 Event: 05-08-06-32  
 Date Sampled: 02/14/06  
 Date Received: 02/14/06

Date Extracted: 02/24/06  
 Date Analyzed: 03/21/06 19:52  
 Instrument/Analyst: NT6/VTS  
 GPC Cleanup: Yes  
 Silica Gel Cleanup: No

Sample Amount: 38.7 g-dry-wt  
 Final Extract Volume: 1.0 mL  
 Dilution Factor: 3.00  
 Percent Moisture: 51.8%  
 pH: 7.5

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 7.8 | 5.4 J   |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 7.8 | < 7.8 U |
| 118-74-1   | Hexachlorobenzene          | 7.8 | < 7.8 U |
| 87-68-3    | Hexachlorobutadiene        | 7.8 | < 7.8 U |
| 65-85-0    | Benzoic Acid               | 78  | 86 B    |
| 85-68-7    | Butylbenzylphthalate       | 7.8 | 33      |
| 95-48-7    | 2-Methylphenol             | 7.8 | < 7.8 U |
| 105-67-9   | 2,4-Dimethylphenol         | 7.8 | < 7.8 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 220 | < 220 Y |
| 100-51-6   | Benzyl Alcohol             | 39  | 28 J    |
| 87-86-5    | Pentachlorophenol          | 39  | < 39 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 7.8 | 7.0 J   |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 39  | < 39 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 39  | < 39 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 24.5% | d5-Phenol         | 63.4% |
| 2-Fluorophenol         | 63.0% | d4-2-Chlorophenol | 63.3% |
| d4-1,2-Dichlorobenzene | 51.0% | d5-Nitrobenzene   | 75.1% |
| 2,4,6-Tribromophenol   | 41.2% | d14-p-Terphenyl   | 55.3% |

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC16-2-4**

Page 1 of 1

**DILUTION**

Lab Sample ID: JB46G

QC Report No: JB46-Windward Environmental, LLC

LIMS ID: 06-2922

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *[Signature]*

Date Sampled: 02/14/06

Reported: 03/30/06

Date Received: 02/14/06

Date Extracted: 02/24/06

Sample Amount: 38.7 g-dry-wt

Date Analyzed: 03/22/06 19:52

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/VTS

Dilution Factor: 10.0

GPC Cleanup: Yes

Percent Moisture: 51.8%

Silica Gel Cleanup: No

pH: 7.5

| CAS Number     | Analyte                     | RL        | Result    |
|----------------|-----------------------------|-----------|-----------|
| 106-46-7       | 1,4-Dichlorobenzene         | 26        | < 26 U    |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 26        | < 26 U    |
| 118-74-1       | Hexachlorobenzene           | 26        | < 26 U    |
| 87-68-3        | Hexachlorobutadiene         | 26        | < 26 U    |
| 65-85-0        | Benzoic Acid                | 260       | < 260 U   |
| <b>85-68-7</b> | <b>Butylbenzylphthalate</b> | <b>26</b> | <b>59</b> |
| 95-48-7        | 2-Methylphenol              | 26        | < 26 U    |
| 105-67-9       | 2,4-Dimethylphenol          | 26        | < 26 U    |
| 86-30-6        | N-Nitrosodiphenylamine      | 380       | < 380 Y   |
| 100-51-6       | Benzyl Alcohol              | 130       | < 130 U   |
| 87-86-5        | Pentachlorophenol           | 130       | < 130 U   |
| 95-50-1        | 1,2-Dichlorobenzene         | 26        | < 26 U    |
| 621-64-7       | N-Nitroso-Di-N-Propylamine  | 130       | < 130 U   |
| 62-75-9        | N-Nitrosodimethylamine      | 130       | < 130 U   |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 36.0% | d5-Phenol         | 62.7% |
| 2-Fluorophenol         | 67.5% | d4-2-Chlorophenol | 69.9% |
| d4-1,2-Dichlorobenzene | 59.2% | d5-Nitrobenzene   | 139%  |
| 2,4,6-Tribromophenol   | 54.4% | d14-p-Terphenyl   | 52.8% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC16-2-4  
REEXTRACT

Lab Sample ID: JB46G  
LIMS ID: 06-2922  
Matrix: Sediment  
Data Release Authorized:  
Reported: 06/02/06

QC Report No: JB46-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/14/06  
Date Received: 02/14/06

Date Extracted: 05/19/06  
Date Analyzed: 05/26/06 02:30  
Instrument/Analyst: NT6/LJR  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 5.07 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 1.00  
Percent Moisture: 51.8%  
pH: 7.5

| CAS Number | Analyte            | RL | Result |
|------------|--------------------|----|--------|
| 105-67-9   | 2,4-Dimethylphenol | 20 | < 20 U |

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

**SIM Semivolatile Surrogate Recovery**

d5-Phenol 72.8%

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC16-4-6

Page 1 of 1

SAMPLE

Lab Sample ID: JH57T


QC Report No: JH57-Windward Environmental, LLC

LIMS ID: 06-7261

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: 

Date Sampled: 02/14/06

Reported: 05/23/06

Date Received: 02/14/06

Date Extracted: 05/10/06

Sample Amount: 30.6 g-dry-wt

Date Analyzed: 05/18/06 20:50

Final Extract Volume: 2.0 mL

Instrument/Analyst: M/PK

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 51.2%

Silica Gel Cleanup: No

pH: 7.8

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.5 | 110     |
| 106-46-7   | 1,4-Dichlorobenzene        | 6.5 | 9.2     |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 6.5 | 18 M    |
| 118-74-1   | Hexachlorobenzene          | 6.5 | < 6.5 U |
| 87-68-3    | Hexachlorobutadiene        | 6.5 | < 6.5 U |
| 131-11-3   | Dimethylphthalate          | 44  | < 44 Y  |
| 85-68-7    | Butylbenzylphthalate       | 6.5 | 12 M    |
| 95-48-7    | 2-Methylphenol             | 6.5 | < 6.5 U |
| 105-67-9   | 2,4-Dimethylphenol         | 6.5 | < 6.5 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 190 | < 190 Y |
| 100-51-6   | Benzyl Alcohol             | 33  | 52      |
| 87-86-5    | Pentachlorophenol          | 33  | 50 M    |
| 95-50-1    | 1,2-Dichlorobenzene        | 6.5 | 12      |
| 541-73-1   | 1,3-Dichlorobenzene        | 6.5 | < 6.5 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 33  | < 33 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 33  | < 33 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 186%  | d5-Phenol         | 73.3% |
| 2-Fluorophenol         | 77.3% | d4-2-Chlorophenol | 66.1% |
| d4-1,2-Dichlorobenzene | 64.4% | d5-Nitrobenzene   | 108%  |
| 2,4,6-Tribromophenol   | 167%  | d14-p-Terphenyl   | 49.6% |



**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC16-4-6

Page 1 of 1

DILUTION

Lab Sample ID: JH57T

QC Report No: JH57-Windward Environmental, LLC

LIMS ID: 06-7261

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/14/06

Reported: 05/23/06

Date Received: 02/14/06

Date Extracted: 05/10/06

Sample Amount: 30.6 g-dry-wt

Date Analyzed: 05/19/06 17:25

Final Extract Volume: 2.0 mL

Instrument/Analyst: J/PK

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 51.2%

Silica Gel Cleanup: No

pH: 7.8

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 20  | 140     |
| 106-46-7   | 1,4-Dichlorobenzene        | 20  | < 20 U  |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 20  | < 20 U  |
| 118-74-1   | Hexachlorobenzene          | 20  | < 20 U  |
| 87-68-3    | Hexachlorobutadiene        | 20  | < 20 U  |
| 131-11-3   | Dimethylphthalate          | 22  | < 22 Y  |
| 85-68-7    | Butylbenzylphthalate       | 55  | < 55 Y  |
| 95-48-7    | 2-Methylphenol             | 20  | < 20 U  |
| 105-67-9   | 2,4-Dimethylphenol         | 20  | < 20 U  |
| 86-30-6    | N-Nitrosodiphenylamine     | 190 | < 190 Y |
| 100-51-6   | Benzyl Alcohol             | 98  | 67 J    |
| 87-86-5    | Pentachlorophenol          | 98  | 96 J    |
| 95-50-1    | 1,2-Dichlorobenzene        | 20  | 12 J    |
| 541-73-1   | 1,3-Dichlorobenzene        | 20  | < 20 U  |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 98  | < 98 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 98  | < 98 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 82.1% | d5-Phenol         | 80.0% |
| 2-Fluorophenol         | 68.7% | d4-2-Chlorophenol | 69.8% |
| d4-1,2-Dichlorobenzene | 67.0% | d5-Nitrobenzene   | 94.6% |
| 2,4,6-Tribromophenol   | 68.6% | d14-p-Terphenyl   | 45.1% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC16-8-10

Page 1 of 1

**SAMPLE**

Lab Sample ID: JH57U


QC Report No: JH57-Windward Environmental, LLC

LIMS ID: 06-7262

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: 

Date Sampled: 02/14/06

Reported: 05/23/06

Date Received: 02/14/06

Date Extracted: 05/10/06

Sample Amount: 30.5 g-dry-wt

Date Analyzed: 05/18/06 14:37

Final Extract Volume: 2.0 mL

Instrument/Analyst: U/PK

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 37.9%

Silica Gel Cleanup: No

pH: 7.6

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.6 | 25      |
| 106-46-7   | 1,4-Dichlorobenzene        | 6.6 | < 6.6 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 6.6 | < 6.6 U |
| 118-74-1   | Hexachlorobenzene          | 6.6 | < 6.6 U |
| 87-68-3    | Hexachlorobutadiene        | 6.6 | < 6.6 U |
| 131-11-3   | Dimethylphthalate          | 6.6 | < 6.6 U |
| 85-68-7    | Butylbenzylphthalate       | 6.6 | < 6.6 U |
| 95-48-7    | 2-Methylphenol             | 6.6 | < 6.6 U |
| 105-67-9   | 2,4-Dimethylphenol         | 6.6 | < 6.6 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 34  | < 34 Y  |
| 100-51-6   | Benzyl Alcohol             | 33  | < 33 U  |
| 87-86-5    | Pentachlorophenol          | 33  | < 33 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 6.6 | < 6.6 U |
| 541-73-1   | 1,3-Dichlorobenzene        | 6.6 | < 6.6 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 33  | < 33 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 33  | < 33 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 90.0% | d5-Phenol         | 72.3% |
| 2-Fluorophenol         | 71.2% | d4-2-Chlorophenol | 61.6% |
| d4-1,2-Dichlorobenzene | 62.4% | d5-Nitrobenzene   | 88.4% |
| 2,4,6-Tribromophenol   | 86.9% | d14-p-Terphenyl   | 55.2% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC17-0-1

Page 1 of 1

**SAMPLE**

Lab Sample ID: JC42G

QC Report No: JC42-Windward Environmental, LLC

LIMS ID: 06-3822

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/24/06

Reported: 03/29/06

Date Received: 02/24/06

Date Extracted: 03/09/06

Sample Amount: 48.3 g-dry-wt

Date Analyzed: 03/24/06 20:27

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 55.0%

Silica Gel Cleanup: No

pH: 7.3

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 6.2 | 16      |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 6.2 | 9.3     |
| 118-74-1   | Hexachlorobenzene          | 6.2 | < 6.2 U |
| 87-68-3    | Hexachlorobutadiene        | 6.2 | < 6.2 U |
| 65-85-0    | Benzoic Acid               | 62  | 320 B   |
| 85-68-7    | Butylbenzylphthalate       | 6.2 | 40      |
| 95-48-7    | 2-Methylphenol             | 6.2 | 5.0 J   |
| 105-67-9   | 2,4-Dimethylphenol         | 6.2 | < 6.2 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 180 | < 180 Y |
| 100-51-6   | Benzyl Alcohol             | 31  | 140 M   |
| 87-86-5    | Pentachlorophenol          | 31  | 64      |
| 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       | 78.2% | d5-Phenol         | 69.5% |
| 2-Fluorophenol         | 67.4% | d4-2-Chlorophenol | 76.2% |
| d4-1,2-Dichlorobenzene | 56.0% | d5-Nitrobenzene   | 95.3% |
| 2,4,6-Tribromophenol   | 55.3% | d14-p-Terphenyl   | 54.7% |

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC17-0-1**

Page 1 of 1

**DILUTION**

Lab Sample ID: JC42G


QC Report No: JC42-Windward Environmental, LLC

LIMS ID: 06-3822

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: 

Date Sampled: 02/24/06

Reported: 03/29/06

Date Received: 02/24/06

Date Extracted: 03/09/06

Sample Amount: 48.3 g-dry-wt

Date Analyzed: 03/27/06 14:07

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 10.0

GPC Cleanup: Yes

Percent Moisture: 55.0%

Silica Gel Cleanup: No

pH: 7.3

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 21  | 17 J    |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 21  | < 21 U  |
| 118-74-1   | Hexachlorobenzene          | 21  | < 21 U  |
| 87-68-3    | Hexachlorobutadiene        | 21  | < 21 U  |
| 65-85-0    | Benzoic Acid               | 210 | 580 B   |
| 85-68-7    | Butylbenzylphthalate       | 21  | 41      |
| 95-48-7    | 2-Methylphenol             | 21  | < 21 U  |
| 105-67-9   | 2,4-Dimethylphenol         | 21  | < 21 U  |
| 86-30-6    | N-Nitrosodiphenylamine     | 200 | < 200 Y |
| 100-51-6   | Benzyl Alcohol             | 100 | 260 M   |
| 87-86-5    | Pentachlorophenol          | 100 | 60 J    |
| 95-50-1    | 1,2-Dichlorobenzene        | 21  | < 21 U  |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 100 | < 100 U |
| 62-75-9    | N-Nitrosodimethylamine     | 100 | < 100 U |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 35.6% | d5-Phenol         | 77.1% |
| 2-Fluorophenol         | 69.1% | d4-2-Chlorophenol | 84.3% |
| d4-1,2-Dichlorobenzene | 65.2% | d5-Nitrobenzene   | 89.2% |
| 2,4,6-Tribromophenol   | 32.0% | d14-p-Terphenyl   | 60.4% |

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC17-1-2**

Page 1 of 1

**SAMPLE**

Lab Sample ID: JC42H


QC Report No: JC42-Windward Environmental, LLC

LIMS ID: 06-3823

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: 

Date Sampled: 02/24/06

Reported: 03/29/06

Date Received: 02/24/06

Date Extracted: 03/09/06

Sample Amount: 50.4 g-dry-wt

Date Analyzed: 03/24/06 21:00

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 53.1%

Silica Gel Cleanup: No

pH: 7.7

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 6.0 | 4.2 J   |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 6.0 | 17 M    |
| 118-74-1   | Hexachlorobenzene          | 6.0 | < 6.0 U |
| 87-68-3    | Hexachlorobutadiene        | 6.0 | < 6.0 U |
| 65-85-0    | Benzoic Acid               | 60  | 320 B   |
| 85-68-7    | Butylbenzylphthalate       | 6.0 | 44      |
| 95-48-7    | 2-Methylphenol             | 6.0 | 16      |
| 105-67-9   | 2,4-Dimethylphenol         | 6.0 | 14      |
| 86-30-6    | N-Nitrosodiphenylamine     | 620 | < 620 Y |
| 100-51-6   | Benzyl Alcohol             | 30  | 38 M    |
| 87-86-5    | Pentachlorophenol          | 30  | 120     |
| 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       | 48.6% | d5-Phenol         | 56.2% |
| 2-Fluorophenol         | 49.6% | d4-2-Chlorophenol | 61.7% |
| d4-1,2-Dichlorobenzene | 46.1% | d5-Nitrobenzene   | 94.0% |
| 2,4,6-Tribromophenol   | 32.2% | d14-p-Terphenyl   | 41.0% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC17-1-2

Page 1 of 1

DILUTION

Lab Sample ID: JC42H

QC Report No: JC42-Windward Environmental, LLC

LIMS ID: 06-3823

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/24/06

Reported: 03/29/06

Date Received: 02/24/06

Date Extracted: 03/09/06

Sample Amount: 50.4 g-dry-wt

Date Analyzed: 03/27/06 14:41

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 10.0

GPC Cleanup: Yes

Percent Moisture: 53.1%

Silica Gel Cleanup: No

pH: 7.7

| CAS Number | Analyte                    | RL         | Result       |
|------------|----------------------------|------------|--------------|
| 106-46-7   | 1,4-Dichlorobenzene        | 20         | < 20 U       |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 20         | < 20 U       |
| 118-74-1   | Hexachlorobenzene          | 20         | < 20 U       |
| 87-68-3    | Hexachlorobutadiene        | 20         | < 20 U       |
| 65-85-0    | <b>Benzoic Acid</b>        | <b>200</b> | <b>380 B</b> |
| 85-68-7    | Butylbenzylphthalate       | 20         | < 20 U       |
| 95-48-7    | <b>2-Methylphenol</b>      | <b>20</b>  | <b>16 J</b>  |
| 105-67-9   | 2,4-Dimethylphenol         | 20         | < 20 U       |
| 86-30-6    | N-Nitrosodiphenylamine     | 630        | < 630 Y      |
| 100-51-6   | <b>Benzyl Alcohol</b>      | <b>99</b>  | <b>160</b>   |
| 87-86-5    | <b>Pentachlorophenol</b>   | <b>99</b>  | <b>97 J</b>  |
| 95-50-1    | 1,2-Dichlorobenzene        | 20         | < 20 U       |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 99         | < 99 U       |
| 62-75-9    | N-Nitrosodimethylamine     | 99         | < 99 U       |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 32.0% | d5-Phenol         | 60.5% |
| 2-Fluorophenol         | 48.5% | d4-2-Chlorophenol | 60.8% |
| d4-1,2-Dichlorobenzene | 45.6% | d5-Nitrobenzene   | 56.8% |
| 2,4,6-Tribromophenol   | 26.9% | d14-p-Terphenyl   | 42.0% |

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC17-2-4**

Page 1 of 1

**SAMPLE**

Lab Sample ID: JC42I


QC Report No: JC42-Windward Environmental, LLC

LIMS ID: 06-3824

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: 

Date Sampled: 02/24/06

Reported: 03/29/06

Date Received: 02/24/06

Date Extracted: 03/09/06

Sample Amount: 7.09 g-dry-wt

Date Analyzed: 03/24/06 21:33

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 55.8%

Silica Gel Cleanup: No

pH: 8.2

| CAS Number      | Analyte                       | RL         | Result         |
|-----------------|-------------------------------|------------|----------------|
| 106-46-7        | 1,4-Dichlorobenzene           | 42         | < 42 U         |
| <b>120-82-1</b> | <b>1,2,4-Trichlorobenzene</b> | <b>42</b>  | <b>110 M</b>   |
| 118-74-1        | Hexachlorobenzene             | 42         | < 42 U         |
| 87-68-3         | Hexachlorobutadiene           | 42         | < 42 U         |
| <b>65-85-0</b>  | <b>Benzoic Acid</b>           | <b>420</b> | <b>3,000 B</b> |
| 85-68-7         | Butylbenzylphthalate          | 42         | < 42 U         |
| 95-48-7         | 2-Methylphenol                | 42         | < 42 U         |
| 105-67-9        | 2,4-Dimethylphenol            | 42         | < 42 U         |
| 86-30-6         | N-Nitrosodiphenylamine        | 7,300      | < 7,300 Y      |
| 100-51-6        | Benzyl Alcohol                | 210        | < 210 U        |
| <b>87-86-5</b>  | <b>Pentachlorophenol</b>      | <b>210</b> | <b>150 J</b>   |
| 95-50-1         | 1,2-Dichlorobenzene           | 42         | < 42 U         |
| 621-64-7        | N-Nitroso-Di-N-Propylamine    | 210        | < 210 U        |
| 62-75-9         | N-Nitrosodimethylamine        | 210        | < 210 U        |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 75.4% | d5-Phenol         | 60.6% |
| 2-Fluorophenol         | 55.0% | d4-2-Chlorophenol | 69.6% |
| d4-1,2-Dichlorobenzene | 55.1% | d5-Nitrobenzene   | 117%  |
| 2,4,6-Tribromophenol   | 53.8% | d14-p-Terphenyl   | 54.4% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC17-2-4

Page 1 of 1

DILUTION

Lab Sample ID: JC42I  
LIMS ID: 06-3824  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/29/06

QC Report No: JC42-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/24/06  
Date Received: 02/24/06

Date Extracted: 03/09/06  
Date Analyzed: 03/28/06 15:28  
Instrument/Analyst: NT2/VTS  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 7.09 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 10.0  
Percent Moisture: 55.8%  
pH: 8.2

| CAS Number | Analyte                    | RL    | Result    |
|------------|----------------------------|-------|-----------|
| 106-46-7   | 1,4-Dichlorobenzene        | 140   | < 140 U   |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 140   | < 140 U   |
| 118-74-1   | Hexachlorobenzene          | 140   | < 140 U   |
| 87-68-3    | Hexachlorobutadiene        | 140   | < 140 U   |
| 65-85-0    | Benzoic Acid               | 1,400 | < 1,400 U |
| 85-68-7    | Butylbenzylphthalate       | 140   | < 140 U   |
| 95-48-7    | 2-Methylphenol             | 140   | < 140 U   |
| 105-67-9   | 2,4-Dimethylphenol         | 140   | < 140 U   |
| 86-30-6    | N-Nitrosodiphenylamine     | 8,800 | < 8,800 Y |
| 100-51-6   | Benzyl Alcohol             | 700   | < 700 U   |
| 87-86-5    | Pentachlorophenol          | 700   | < 700 U   |
| 95-50-1    | 1,2-Dichlorobenzene        | 140   | < 140 U   |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 700   | < 700 U   |
| 62-75-9    | N-Nitrosodimethylamine     | 700   | < 700 U   |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 61.6% | d5-Phenol         | 74.4% |
| 2-Fluorophenol         | 57.1% | d4-2-Chlorophenol | 73.1% |
| d4-1,2-Dichlorobenzene | 60.0% | d5-Nitrobenzene   | 70.4% |
| 2,4,6-Tribromophenol   | 69.3% | d14-p-Terphenyl   | 57.2% |



**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC17-6-8.2

Page 1 of 1

SAMPLE

Lab Sample ID: JH57AD

QC Report No: JH57-Windward Environmental, LLC

LIMS ID: 06-7271

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/24/06

Reported: 05/23/06 *AB*

Date Received: 02/24/06

Date Extracted: 05/10/06

Sample Amount: 30.3 g-dry-wt

Date Analyzed: 05/18/06 20:16

Final Extract Volume: 2.0 mL

Instrument/Analyst: /PK

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 44.3%

Silica Gel Cleanup: No

pH: 8.6

| CAS Number | Analyte                    | RL    | Result    |
|------------|----------------------------|-------|-----------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.6   | 260       |
| 106-46-7   | 1,4-Dichlorobenzene        | 6.6   | 4.0 J     |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 6.6   | < 6.6 U   |
| 118-74-1   | Hexachlorobenzene          | 6.6   | < 6.6 U   |
| 87-68-3    | Hexachlorobutadiene        | 6.6   | < 6.6 U   |
| 131-11-3   | Dimethylphthalate          | 6.6   | 69 M      |
| 85-68-7    | Butylbenzylphthalate       | 6.6   | 15 M      |
| 95-48-7    | 2-Methylphenol             | 6.6   | 6.6       |
| 105-67-9   | 2,4-Dimethylphenol         | 6.6   | 24        |
| 86-30-6    | N-Nitrosodiphenylamine     | 2,600 | < 2,600 Y |
| 100-51-6   | Benzyl Alcohol             | 33    | < 33 U    |
| 87-86-5    | Pentachlorophenol          | 33    | 120       |
| 95-50-1    | 1,2-Dichlorobenzene        | 6.6   | < 6.6 U   |
| 541-73-1   | 1,3-Dichlorobenzene        | 6.6   | < 6.6 U   |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 33    | < 33 U    |
| 62-75-9    | N-Nitrosodimethylamine     | 33    | < 33 U    |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 138%  | d5-Phenol         | 64.3% |
| 2-Fluorophenol         | 73.6% | d4-2-Chlorophenol | 59.7% |
| d4-1,2-Dichlorobenzene | 57.2% | d5-Nitrobenzene   | 100%  |
| 2,4,6-Tribromophenol   | 171%  | d14-p-Terphenyl   | 47.6% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC17-6-8.2

Page 1 of 1

DILUTION

Lab Sample ID: JH57AD

QC Report No: JH57-Windward Environmental, LLC

LIMS ID: 06-7271

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *B*

Date Sampled: 02/24/06

Reported: 05/23/06

Date Received: 02/24/06

Date Extracted: 05/10/06

Sample Amount: 30.3 g-dry-wt

Date Analyzed: 05/19/06 16:52

Final Extract Volume: 2.0 mL

Instrument/Analyst: /PK

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 44.3%

Silica Gel Cleanup: No

pH: 8.6

| CAS Number | Analyte                    | RL    | Result    |
|------------|----------------------------|-------|-----------|
| 53-70-3    | Dibenz (a, h) anthracene   | 20    | 260       |
| 106-46-7   | 1,4-Dichlorobenzene        | 20    | < 20 U    |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 20    | < 20 U    |
| 118-74-1   | Hexachlorobenzene          | 20    | < 20 U    |
| 87-68-3    | Hexachlorobutadiene        | 20    | < 20 U    |
| 131-11-3   | Dimethylphthalate          | 32    | < 32 Y    |
| 85-68-7    | Butylbenzylphthalate       | 55    | < 55 Y    |
| 95-48-7    | 2-Methylphenol             | 20    | < 20 U    |
| 105-67-9   | 2,4-Dimethylphenol         | 20    | 18 J      |
| 86-30-6    | N-Nitrosodiphenylamine     | 2,400 | < 2,400 Y |
| 100-51-6   | Benzyl Alcohol             | 99    | < 99 U    |
| 87-86-5    | Pentachlorophenol          | 99    | 160       |
| 95-50-1    | 1,2-Dichlorobenzene        | 20    | < 20 U    |
| 541-73-1   | 1,3-Dichlorobenzene        | 20    | < 20 U    |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 99    | < 99 U    |
| 62-75-9    | N-Nitrosodimethylamine     | 99    | < 99 U    |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 73.3% | d5-Phenol         | 72.0% |
| 2-Fluorophenol         | 63.4% | d4-2-Chlorophenol | 60.8% |
| d4-1,2-Dichlorobenzene | 59.9% | d5-Nitrobenzene   | 89.5% |
| 2,4,6-Tribromophenol   | 74.9% | d14-p-Terphenyl   | 44.8% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC18-0-1

Page 1 of 1

SAMPLE

Lab Sample ID: JB98G

QC Report No: JB98-Windward Environmental, LLC

LIMS ID: 06-3371

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/17/06

Reported: 03/23/06

Date Received: 02/17/06

Date Extracted: 03/02/06

Sample Amount: 25.6 g-dry-wt

Date Analyzed: 03/17/06 18:47

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 27.0%

Silica Gel Cleanup: No

pH: 7.5

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | < 5.9 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | < 5.9 U |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | 78      |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | < 5.9 U |
| 95-48-7    | 2-Methylphenol             | 5.9 | < 5.9 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 32  | < 32 Y  |
| 100-51-6   | Benzyl Alcohol             | 29  | < 29 U  |
| 87-86-5    | Pentachlorophenol          | 29  | < 29 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | < 5.9 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 29  | < 29 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 29  | < 29 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 64.4% | d5-Phenol         | 68.8% |
| 2-Fluorophenol         | 71.2% | d4-2-Chlorophenol | 67.8% |
| d4-1,2-Dichlorobenzene | 58.6% | d5-Nitrobenzene   | 87.8% |
| 2,4,6-Tribromophenol   | 73.1% | d14-p-Terphenyl   | 54.7% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC18-1-2

Page 1 of 1

SAMPLE

Lab Sample ID: JB98H

QC Report No: JB98-Windward Environmental, LLC

LIMS ID: 06-3372


Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/17/06

Reported: 03/23/06 

Date Received: 02/17/06

Date Extracted: 03/02/06

Sample Amount: 25.3 g-dry-wt

Date Analyzed: 03/17/06 19:20

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 23.2%

Silica Gel Cleanup: No

pH: 7.4

| CAS Number | Analyte                    | RL        | Result      |
|------------|----------------------------|-----------|-------------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9       | < 5.9 U     |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9       | < 5.9 U     |
| 118-74-1   | Hexachlorobenzene          | 5.9       | < 5.9 U     |
| 87-68-3    | Hexachlorobutadiene        | 5.9       | < 5.9 U     |
| 65-85-0    | <b>Benzoic Acid</b>        | <b>59</b> | <b>54 J</b> |
| 85-68-7    | Butylbenzylphthalate       | 5.9       | < 5.9 U     |
| 95-48-7    | 2-Methylphenol             | 5.9       | < 5.9 U     |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9       | < 5.9 U     |
| 86-30-6    | N-Nitrosodiphenylamine     | 5.9       | < 5.9 U     |
| 100-51-6   | Benzyl Alcohol             | 30        | < 30 U      |
| 87-86-5    | Pentachlorophenol          | 30        | < 30 U      |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9       | < 5.9 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       | 73.8% | d5-Phenol         | 70.1% |
| 2-Fluorophenol         | 70.0% | d4-2-Chlorophenol | 68.8% |
| d4-1,2-Dichlorobenzene | 61.2% | d5-Nitrobenzene   | 88.7% |
| 2,4,6-Tribromophenol   | 84.0% | d14-p-Terphenyl   | 58.1% |

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC18-2-4**

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB98I

QC Report No: JB98-Windward Environmental, LLC

LIMS ID: 06-3373

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/17/06

Reported: 03/23/06 *MB*

Date Received: 02/17/06

Date Extracted: 03/02/06

Sample Amount: 25.6 g-dry-wt

Date Analyzed: 03/17/06 19:53

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 22.8%

Silica Gel Cleanup: No

pH: 7.9

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | < 5.9 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | < 5.9 U |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | < 59 U  |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | < 5.9 U |
| 95-48-7    | 2-Methylphenol             | 5.9 | < 5.9 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 5.9 | < 5.9 U |
| 100-51-6   | Benzyl Alcohol             | 29  | < 29 U  |
| 87-86-5    | Pentachlorophenol          | 29  | < 29 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | < 5.9 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 29  | < 29 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 29  | < 29 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 86.0% | d5-Phenol         | 67.7% |
| 2-Fluorophenol         | 73.6% | d4-2-Chlorophenol | 71.2% |
| d4-1,2-Dichlorobenzene | 64.9% | d5-Nitrobenzene   | 91.6% |
| 2,4,6-Tribromophenol   | 96.0% | d14-p-Terphenyl   | 60.4% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC19-0-1  
SAMPLE

Lab Sample ID: JC95J  
LIMS ID: 06-4149  
Matrix: Sediment  
Data Release Authorized: *[Signature]*  
Reported: 03/31/06

QC Report No: JC95-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/24/06  
Date Received: 02/24/06

Date Extracted: 03/07/06  
Date Analyzed: 03/30/06 23:01  
Instrument/Analyst: NT2/VTS  
GPC Cleanup: No  
Silica Gel Cleanup: No

Sample Amount: 25.2 g-dry-wt  
Final Extract Volume: 0.5 mL  
Dilution Factor: 3.00  
Percent Moisture: 56.6%  
pH: 7.5

| CAS Number | Analyte                     | RL         | Result       |
|------------|-----------------------------|------------|--------------|
| 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      |
| 65-85-0    | <b>Benzoic Acid</b>         | <b>60</b>  | <b>210</b>   |
| 85-68-7    | <b>Butylbenzylphthalate</b> | <b>6.0</b> | <b>34</b>    |
| 95-48-7    | <b>2-Methylphenol</b>       | <b>6.0</b> | <b>4.8 J</b> |
| 105-67-9   | 2,4-Dimethylphenol          | 6.0        | < 6.0 U      |
| 86-30-6    | N-Nitrosodiphenylamine      | 29         | < 29 Y       |
| 100-51-6   | Benzyl Alcohol              | 30         | < 30 U       |
| 87-86-5    | <b>Pentachlorophenol</b>    | <b>30</b>  | <b>17 J</b>  |
| 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       | 32.4% | d5-Phenol         | 57.2% |
| 2-Fluorophenol         | 58.5% | d4-2-Chlorophenol | 48.8% |
| d4-1,2-Dichlorobenzene | 47.2% | d5-Nitrobenzene   | 48.5% |
| 2,4,6-Tribromophenol   | 42.1% | d14-p-Terphenyl   | 38.8% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC19-1-2

Page 1 of 1

SAMPLE

Lab Sample ID: JC95K


QC Report No: JC95-Windward Environmental, LLC

LIMS ID: 06-4150

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: 

Date Sampled: 02/24/06

Reported: 03/31/06

Date Received: 02/24/06

Date Extracted: 03/07/06

Sample Amount: 25.2 g-dry-wt

Date Analyzed: 03/30/06 23:34

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 48.5%

Silica Gel Cleanup: No

pH: 7.3

| CAS Number     | Analyte                     | RL         | Result    |
|----------------|-----------------------------|------------|-----------|
| 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   |
| <b>65-85-0</b> | <b>Benzoic Acid</b>         | <b>60</b>  | <b>88</b> |
| <b>85-68-7</b> | <b>Butylbenzylphthalate</b> | <b>6.0</b> | <b>14</b> |
| 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      | 22         | < 22 Y    |
| 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       | 26.3% | d5-Phenol         | 46.8% |
| 2-Fluorophenol         | 41.2% | d4-2-Chlorophenol | 43.4% |
| d4-1,2-Dichlorobenzene | 41.9% | d5-Nitrobenzene   | 41.2% |
| 2,4,6-Tribromophenol   | 26.2% | d14-p-Terphenyl   | 32.0% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC19-2-4

Page 1 of 1

SAMPLE

Lab Sample ID: JC95L

QC Report No: JC95-Windward Environmental, LLC

LIMS ID: 06-4151

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/24/06

Reported: 03/31/06 *AS*

Date Received: 02/24/06

Date Extracted: 03/07/06

Sample Amount: 25.3 g-dry-wt

Date Analyzed: 03/31/06 00:07

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 46.1%

Silica Gel Cleanup: No

pH: 8.1

| CAS Number | Analyte                     | RL         | Result      |
|------------|-----------------------------|------------|-------------|
| 106-46-7   | 1,4-Dichlorobenzene         | 5.9        | < 5.9 U     |
| 120-82-1   | 1,2,4-Trichlorobenzene      | 5.9        | < 5.9 U     |
| 118-74-1   | Hexachlorobenzene           | 5.9        | < 5.9 U     |
| 87-68-3    | Hexachlorobutadiene         | 5.9        | < 5.9 U     |
| 65-85-0    | <b>Benzoic Acid</b>         | <b>59</b>  | <b>100</b>  |
| 85-68-7    | <b>Butylbenzylphthalate</b> | <b>5.9</b> | <b>15</b>   |
| 95-48-7    | 2-Methylphenol              | 5.9        | < 5.9 U     |
| 105-67-9   | 2,4-Dimethylphenol          | 5.9        | < 5.9 U     |
| 86-30-6    | N-Nitrosodiphenylamine      | 27         | < 27 Y      |
| 100-51-6   | Benzyl Alcohol              | 30         | < 30 U      |
| 87-86-5    | <b>Pentachlorophenol</b>    | <b>30</b>  | <b>20 J</b> |
| 95-50-1    | 1,2-Dichlorobenzene         | 5.9        | < 5.9 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       | 40.7% | d5-Phenol         | 69.8% |
| 2-Fluorophenol         | 62.3% | d4-2-Chlorophenol | 58.3% |
| d4-1,2-Dichlorobenzene | 56.0% | d5-Nitrobenzene   | 55.4% |
| 2,4,6-Tribromophenol   | 41.8% | d14-p-Terphenyl   | 50.2% |



**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC20-0-2  
SAMPLE

Lab Sample ID: JB80G  
LIMS ID: 06-3223  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/14/06

QC Report No: JB80-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 04-08-06-24  
Date Sampled: 02/15/06  
Date Received: 02/15/06

Date Extracted: 02/21/06  
Date Analyzed: 02/24/06 14:44  
Instrument/Analyst: NT6/PK  
GPC Cleanup: No  
Silica Gel Cleanup: No

Sample Amount: 25.1 g-dry-wt  
Final Extract Volume: 0.5 mL  
Dilution Factor: 3.00  
Percent Moisture: 45.6%  
pH: 7.1

| CAS Number | Analyte                     | RL         | Result    |
|------------|-----------------------------|------------|-----------|
| 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   |
| 65-85-0    | <b>Benzoic Acid</b>         | <b>60</b>  | <b>93</b> |
| 85-68-7    | <b>Butylbenzylphthalate</b> | <b>6.0</b> | <b>41</b> |
| 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      | 38         | < 38 Y    |
| 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       | 57.4% | d5-Phenol         | 54.9% |
| 2-Fluorophenol         | 54.8% | d4-2-Chlorophenol | 50.9% |
| d4-1,2-Dichlorobenzene | 46.4% | d5-Nitrobenzene   | 51.4% |
| 2,4,6-Tribromophenol   | 91.2% | d14-p-Terphenyl   | 36.1% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC20-2-4  
SAMPLE

Lab Sample ID: JB80H  
LIMS ID: 06-3224  
Matrix: Sediment  
Data Release Authorized: *[Signature]*  
Reported: 03/14/06

QC Report No: JB80-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 04-08-06-24  
Date Sampled: 02/15/06  
Date Received: 02/15/06

Date Extracted: 02/21/06  
Date Analyzed: 02/24/06 15:17  
Instrument/Analyst: NT6/PK  
GPC Cleanup: No  
Silica Gel Cleanup: No

Sample Amount: 25.1 g-dry-wt  
Final Extract Volume: 0.5 mL  
Dilution Factor: 3.00  
Percent Moisture: 46.8%  
pH: 7.2

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 6.0 | 20      |
| 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 |
| 65-85-0    | Benzoic Acid               | 60  | 67      |
| 85-68-7    | Butylbenzylphthalate       | 6.0 | 17      |
| 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     | 32  | < 32 Y  |
| 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       | 90.2% | d5-Phenol         | 55.0% |
| 2-Fluorophenol         | 49.8% | d4-2-Chlorophenol | 66.3% |
| d4-1,2-Dichlorobenzene | 40.1% | d5-Nitrobenzene   | 50.2% |
| 2,4,6-Tribromophenol   | 134%  | d14-p-Terphenyl   | 40.2% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC20-2-4  
DILUTION

Lab Sample ID: JB80H  
LIMS ID: 06-3224  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/14/06

QC Report No: JB80-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 04-08-06-24  
Date Sampled: 02/15/06  
Date Received: 02/15/06

Date Extracted: 02/21/06  
Date Analyzed: 03/08/06 14:46  
Instrument/Analyst: NT6/PK  
GPC Cleanup: No  
Silica Gel Cleanup: No

Sample Amount: 25.1 g-dry-wt  
Final Extract Volume: 0.5 mL  
Dilution Factor: 9.00  
Percent Moisture: 46.8%  
pH: 7.2

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 18  | 16 J    |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 18  | < 18 U  |
| 118-74-1   | Hexachlorobenzene          | 18  | < 18 U  |
| 87-68-3    | Hexachlorobutadiene        | 18  | < 18 U  |
| 65-85-0    | Benzoic Acid               | 180 | < 180 U |
| 85-68-7    | Butylbenzylphthalate       | 18  | 22      |
| 95-48-7    | 2-Methylphenol             | 18  | < 18 U  |
| 105-67-9   | 2,4-Dimethylphenol         | 18  | < 18 U  |
| 86-30-6    | N-Nitrosodiphenylamine     | 23  | < 23 Y  |
| 100-51-6   | Benzyl Alcohol             | 90  | < 90 U  |
| 87-86-5    | Pentachlorophenol          | 90  | < 90 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 18  | < 18 U  |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 90  | < 90 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 90  | < 90 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 59.8% | d5-Phenol         | 54.2% |
| 2-Fluorophenol         | 45.4% | d4-2-Chlorophenol | 48.7% |
| d4-1,2-Dichlorobenzene | 35.3% | d5-Nitrobenzene   | 48.6% |
| 2,4,6-Tribromophenol   | 61.0% | d14-p-Terphenyl   | 40.7% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC21-0-1

Page 1 of 1

SAMPLE

Lab Sample ID: JB64E  
LIMS ID: 06-3075  
Matrix: Sediment  
Data Release Authorized: *AB*  
Reported: 03/14/06

QC Report No: JB64-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/15/06  
Date Received: 02/15/06

Date Extracted: 02/21/06  
Date Analyzed: 02/24/06 15:49  
Instrument/Analyst: NT6/PK  
GPC Cleanup: No  
Silica Gel Cleanup: No

Sample Amount: 25.1 g-dry-wt  
Final Extract Volume: 0.5 mL  
Dilution Factor: 3.00  
Percent Moisture: 52.8%  
pH: 7.5

| CAS Number     | Analyte                     | RL         | Result    |
|----------------|-----------------------------|------------|-----------|
| 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   |
| <b>65-85-0</b> | <b>Benzoic Acid</b>         | <b>60</b>  | <b>95</b> |
| <b>85-68-7</b> | <b>Butylbenzylphthalate</b> | <b>6.0</b> | <b>44</b> |
| 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      | 20         | < 20 Y    |
| 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       | 73.2% | d5-Phenol         | 67.3% |
| 2-Fluorophenol         | 53.0% | d4-2-Chlorophenol | 49.8% |
| d4-1,2-Dichlorobenzene | 47.3% | d5-Nitrobenzene   | 51.7% |
| 2,4,6-Tribromophenol   | 106%  | d14-p-Terphenyl   | 42.8% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC21-0-1

Page 1 of 1

DILUTION

Lab Sample ID: JB64E

QC Report No: JB64-Windward Environmental, LLC

LIMS ID: 06-3075

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *AB*

Date Sampled: 02/15/06

Reported: 03/14/06

Date Received: 02/15/06

Date Extracted: 02/21/06

Sample Amount: 25.1 g-dry-wt

Date Analyzed: 03/08/06 11:22

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 9.00

GPC Cleanup: No

Percent Moisture: 52.8%

Silica Gel Cleanup: No

pH: 7.5

| CAS Number     | Analyte                     | RL        | Result    |
|----------------|-----------------------------|-----------|-----------|
| 106-46-7       | 1,4-Dichlorobenzene         | 18        | < 18 U    |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 18        | < 18 U    |
| 118-74-1       | Hexachlorobenzene           | 18        | < 18 U    |
| 87-68-3        | Hexachlorobutadiene         | 18        | < 18 U    |
| 65-85-0        | Benzoic Acid                | 180       | < 180 U   |
| <b>85-68-7</b> | <b>Butylbenzylphthalate</b> | <b>18</b> | <b>43</b> |
| 95-48-7        | 2-Methylphenol              | 18        | < 18 U    |
| 105-67-9       | 2,4-Dimethylphenol          | 18        | < 18 U    |
| 86-30-6        | N-Nitrosodiphenylamine      | 18        | < 18 U    |
| 100-51-6       | Benzyl Alcohol              | 90        | < 90 U    |
| 87-86-5        | Pentachlorophenol           | 90        | < 90 U    |
| 95-50-1        | 1,2-Dichlorobenzene         | 18        | < 18 U    |
| 621-64-7       | N-Nitroso-Di-N-Propylamine  | 90        | < 90 U    |
| 62-75-9        | N-Nitrosodimethylamine      | 90        | < 90 U    |

Reported in µg/kg (ppb)

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 44.6% | d5-Phenol         | 58.6% |
| 2-Fluorophenol         | 58.1% | d4-2-Chlorophenol | 55.7% |
| d4-1,2-Dichlorobenzene | 49.7% | d5-Nitrobenzene   | 53.6% |
| 2,4,6-Tribromophenol   | 48.2% | d14-p-Terphenyl   | 45.4% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC21-1-2

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB64F

QC Report No: JB64-Windward Environmental, LLC

LIMS ID: 06-3076

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/15/06

Reported: 03/14/06

Date Received: 02/15/06

Date Extracted: 02/21/06

Sample Amount: 25.3 g-dry-wt

Date Analyzed: 02/24/06 16:22

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 47.5%

Silica Gel Cleanup: No

pH: 7.2

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | < 5.9 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | < 5.9 U |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | 120     |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | 41      |
| 95-48-7    | 2-Methylphenol             | 5.9 | < 5.9 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 24  | < 24 Y  |
| 100-51-6   | Benzyl Alcohol             | 30  | < 30 U  |
| 87-86-5    | Pentachlorophenol          | 30  | < 30 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | < 5.9 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       | 85.9% | d5-Phenol         | 80.8% |
| 2-Fluorophenol         | 62.4% | d4-2-Chlorophenol | 58.8% |
| d4-1,2-Dichlorobenzene | 53.0% | d5-Nitrobenzene   | 56.3% |
| 2,4,6-Tribromophenol   | 130%  | d14-p-Terphenyl   | 48.5% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC21-1-2

Page 1 of 1

DILUTION

Lab Sample ID: JB64F

QC Report No: JB64-Windward Environmental, LLC

LIMS ID: 06-3076

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/15/06

Reported: 03/14/06

Date Received: 02/15/06

Date Extracted: 02/21/06

Sample Amount: 25.3 g-dry-wt

Date Analyzed: 03/08/06 11:56

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 9.00

GPC Cleanup: No

Percent Moisture: 47.5%

Silica Gel Cleanup: No

pH: 7.2

| CAS Number     | Analyte                     | RL        | Result    |
|----------------|-----------------------------|-----------|-----------|
| 106-46-7       | 1,4-Dichlorobenzene         | 18        | < 18 U    |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 18        | < 18 U    |
| 118-74-1       | Hexachlorobenzene           | 18        | < 18 U    |
| 87-68-3        | Hexachlorobutadiene         | 18        | < 18 U    |
| 65-85-0        | Benzoic Acid                | 180       | < 180 U   |
| <b>85-68-7</b> | <b>Butylbenzylphthalate</b> | <b>18</b> | <b>53</b> |
| 95-48-7        | 2-Methylphenol              | 18        | < 18 U    |
| 105-67-9       | 2,4-Dimethylphenol          | 18        | < 18 U    |
| 86-30-6        | N-Nitrosodiphenylamine      | 18        | < 18 U    |
| 100-51-6       | Benzyl Alcohol              | 89        | < 89 U    |
| 87-86-5        | Pentachlorophenol           | 89        | < 89 U    |
| 95-50-1        | 1,2-Dichlorobenzene         | 18        | < 18 U    |
| 621-64-7       | N-Nitroso-Di-N-Propylamine  | 89        | < 89 U    |
| 62-75-9        | N-Nitrosodimethylamine      | 89        | < 89 U    |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 57.2% | d5-Phenol         | 73.4% |
| 2-Fluorophenol         | 68.6% | d4-2-Chlorophenol | 68.4% |
| d4-1,2-Dichlorobenzene | 54.7% | d5-Nitrobenzene   | 59.8% |
| 2,4,6-Tribromophenol   | 59.5% | d14-p-Terphenyl   | 59.8% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC21-2-4

Page 1 of 1

SAMPLE

Lab Sample ID: JB64G

QC Report No: JB64-Windward Environmental, LLC

LIMS ID: 06-3077

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/15/06

Reported: 03/14/06

Date Received: 02/15/06

Date Extracted: 02/21/06

Sample Amount: 25.6 g-dry-wt

Date Analyzed: 02/24/06 16:54

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 43.2%

Silica Gel Cleanup: No

pH: 7.4

| CAS Number     | Analyte                     | RL         | Result     |
|----------------|-----------------------------|------------|------------|
| 106-46-7       | 1,4-Dichlorobenzene         | 5.9        | < 5.9 U    |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 5.9        | < 5.9 U    |
| 118-74-1       | Hexachlorobenzene           | 5.9        | < 5.9 U    |
| 87-68-3        | Hexachlorobutadiene         | 5.9        | < 5.9 U    |
| <b>65-85-0</b> | <b>Benzoic Acid</b>         | <b>59</b>  | <b>100</b> |
| <b>85-68-7</b> | <b>Butylbenzylphthalate</b> | <b>5.9</b> | <b>46</b>  |
| 95-48-7        | 2-Methylphenol              | 5.9        | < 5.9 U    |
| 105-67-9       | 2,4-Dimethylphenol          | 5.9        | < 5.9 U    |
| 86-30-6        | N-Nitrosodiphenylamine      | 28         | < 28 Y     |
| 100-51-6       | Benzyl Alcohol              | 29         | < 29 U     |
| 87-86-5        | Pentachlorophenol           | 29         | < 29 U     |
| 95-50-1        | 1,2-Dichlorobenzene         | 5.9        | < 5.9 U    |
| 621-64-7       | N-Nitroso-Di-N-Propylamine  | 29         | < 29 U     |
| 62-75-9        | N-Nitrosodimethylamine      | 29         | < 29 U     |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 83.3% | d5-Phenol         | 75.2% |
| 2-Fluorophenol         | 61.0% | d4-2-Chlorophenol | 57.3% |
| d4-1,2-Dichlorobenzene | 52.4% | d5-Nitrobenzene   | 56.3% |
| 2,4,6-Tribromophenol   | 134%  | d14-p-Terphenyl   | 43.6% |



**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC21-2-4

Page 1 of 1

DILUTION

Lab Sample ID: JB64G

QC Report No: JB64-Windward Environmental, LLC

LIMS ID: 06-3077

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/15/06

Reported: 03/14/06

Date Received: 02/15/06

Date Extracted: 02/21/06

Sample Amount: 25.6 g-dry-wt

Date Analyzed: 03/08/06 12:30

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 9.00

GPC Cleanup: No

Percent Moisture: 43.2%

Silica Gel Cleanup: No

pH: 7.4

| CAS Number     | Analyte                     | RL        | Result    |
|----------------|-----------------------------|-----------|-----------|
| 106-46-7       | 1,4-Dichlorobenzene         | 18        | < 18 U    |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 18        | < 18 U    |
| 118-74-1       | Hexachlorobenzene           | 18        | < 18 U    |
| 87-68-3        | Hexachlorobutadiene         | 18        | < 18 U    |
| 65-85-0        | Benzoic Acid                | 180       | < 180 U   |
| <b>85-68-7</b> | <b>Butylbenzylphthalate</b> | <b>18</b> | <b>53</b> |
| 95-48-7        | 2-Methylphenol              | 18        | < 18 U    |
| 105-67-9       | 2,4-Dimethylphenol          | 18        | < 18 U    |
| 86-30-6        | N-Nitrosodiphenylamine      | 23        | < 23 Y    |
| 100-51-6       | Benzyl Alcohol              | 88        | < 88 U    |
| 87-86-5        | Pentachlorophenol           | 88        | < 88 U    |
| 95-50-1        | 1,2-Dichlorobenzene         | 18        | < 18 U    |
| 621-64-7       | N-Nitroso-Di-N-Propylamine  | 88        | < 88 U    |
| 62-75-9        | N-Nitrosodimethylamine      | 88        | < 88 U    |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 57.2% | d5-Phenol         | 70.8% |
| 2-Fluorophenol         | 62.6% | d4-2-Chlorophenol | 65.8% |
| d4-1,2-Dichlorobenzene | 51.8% | d5-Nitrobenzene   | 56.5% |
| 2,4,6-Tribromophenol   | 57.8% | d14-p-Terphenyl   | 49.0% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC22-0-1.1

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB46A


QC Report No: JB46-Windward Environmental, LLC

LIMS ID: 06-2916

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: 

Date Sampled: 02/14/06

Reported: 03/30/06

Date Received: 02/14/06

Date Extracted: 02/24/06

Sample Amount: 50.8 g-dry-wt

Date Analyzed: 03/21/06 17:40

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/VTS

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 29.0%

Silica Gel Cleanup: No

pH: 6.3

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | 3.0 J   |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | < 5.9 U |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | < 59 U  |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | < 5.9 U |
| 95-48-7    | 2-Methylphenol             | 5.9 | < 5.9 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 40  | < 40 Y  |
| 100-51-6   | Benzyl Alcohol             | 30  | < 30 U  |
| 87-86-5    | Pentachlorophenol          | 30  | < 30 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | < 5.9 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       | 41.2% | d5-Phenol         | 75.4% |
| 2-Fluorophenol         | 76.5% | d4-2-Chlorophenol | 75.0% |
| d4-1,2-Dichlorobenzene | 60.7% | d5-Nitrobenzene   | 66.5% |
| 2,4,6-Tribromophenol   | 59.0% | d14-p-Terphenyl   | 60.7% |

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC22-0-1.1**

Page 1 of 1

**DILUTION**

Lab Sample ID: JB46A

QC Report No: JB46-Windward Environmental, LLC

LIMS ID: 06-2916

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/14/06

Reported: 03/30/06

Date Received: 02/14/06

Date Extracted: 02/24/06

Sample Amount: 50.8 g-dry-wt

Date Analyzed: 03/22/06 17:40

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/VTS

Dilution Factor: 10.0

GPC Cleanup: Yes

Percent Moisture: 29.0%

Silica Gel Cleanup: No

pH: 6.3

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 20  | < 20 U  |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 20  | < 20 U  |
| 118-74-1   | Hexachlorobenzene          | 20  | < 20 U  |
| 87-68-3    | Hexachlorobutadiene        | 20  | < 20 U  |
| 65-85-0    | Benzoic Acid               | 200 | < 200 U |
| 85-68-7    | Butylbenzylphthalate       | 20  | < 20 U  |
| 95-48-7    | 2-Methylphenol             | 20  | < 20 U  |
| 105-67-9   | 2,4-Dimethylphenol         | 20  | < 20 U  |
| 86-30-6    | N-Nitrosodiphenylamine     | 55  | < 55 Y  |
| 100-51-6   | Benzyl Alcohol             | 98  | < 98 U  |
| 87-86-5    | Pentachlorophenol          | 98  | < 98 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 20  | < 20 U  |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 98  | < 98 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 98  | < 98 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 42.8% | d5-Phenol         | 71.7% |
| 2-Fluorophenol         | 72.3% | d4-2-Chlorophenol | 70.4% |
| d4-1,2-Dichlorobenzene | 64.0% | d5-Nitrobenzene   | 159%  |
| 2,4,6-Tribromophenol   | 62.9% | d14-p-Terphenyl   | 60.8% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC22-0-1.1

Page 1 of 1

REEXTRACT

Lab Sample ID: JB46A

QC Report No: JB46-Windward Environmental, LLC

LIMS ID: 06-2916

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/14/06

Reported: 06/02/06

Date Received: 02/14/06

Date Extracted: 05/19/06

Sample Amount: 5.71 g-dry-wt

Date Analyzed: 05/26/06 00:21

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 29.0%

Silica Gel Cleanup: No

pH: 6.3

| CAS Number | Analyte            | RL | Result |
|------------|--------------------|----|--------|
| 105-67-9   | 2,4-Dimethylphenol | 18 | < 18 U |

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

**SIM Semivolatile Surrogate Recovery**

d5-Phenol 62.9%

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC22-1.1-2

Page 1 of 1

SAMPLE

Lab Sample ID: JB46B

QC Report No: JB46-Windward Environmental, LLC

LIMS ID: 06-2917

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *AB*

Date Sampled: 02/14/06

Reported: 03/30/06

Date Received: 02/14/06

Date Extracted: 02/24/06

Sample Amount: 50.8 g-dry-wt

Date Analyzed: 03/21/06 18:13

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/VTS

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 24.9%

Silica Gel Cleanup: No

pH: 7.3

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | < 5.9 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | < 5.9 U |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | < 59 U  |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | < 5.9 U |
| 95-48-7    | 2-Methylphenol             | 5.9 | < 5.9 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 17  | < 17 Y  |
| 100-51-6   | Benzyl Alcohol             | 30  | < 30 U  |
| 87-86-5    | Pentachlorophenol          | 30  | < 30 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | < 5.9 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       | 43.8% | d5-Phenol         | 73.8% |
| 2-Fluorophenol         | 78.6% | d4-2-Chlorophenol | 76.5% |
| d4-1,2-Dichlorobenzene | 61.4% | d5-Nitrobenzene   | 66.2% |
| 2,4,6-Tribromophenol   | 64.3% | d14-p-Terphenyl   | 55.1% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC22-1.1-2  
DILUTION

Lab Sample ID: JB46B  
LIMS ID: 06-2917  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/30/06

QC Report No: JB46-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/14/06  
Date Received: 02/14/06

Date Extracted: 02/24/06  
Date Analyzed: 03/22/06 18:13  
Instrument/Analyst: NT6/VTS  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 50.8 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 10.0  
Percent Moisture: 24.9%  
pH: 7.3

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 20  | < 20 U  |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 20  | < 20 U  |
| 118-74-1   | Hexachlorobenzene          | 20  | < 20 U  |
| 87-68-3    | Hexachlorobutadiene        | 20  | < 20 U  |
| 65-85-0    | Benzoic Acid               | 200 | < 200 U |
| 85-68-7    | Butylbenzylphthalate       | 20  | < 20 U  |
| 95-48-7    | 2-Methylphenol             | 20  | < 20 U  |
| 105-67-9   | 2,4-Dimethylphenol         | 20  | < 20 U  |
| 86-30-6    | N-Nitrosodiphenylamine     | 20  | < 20 U  |
| 100-51-6   | Benzyl Alcohol             | 98  | < 98 U  |
| 87-86-5    | Pentachlorophenol          | 98  | < 98 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 20  | < 20 U  |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 98  | < 98 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 98  | < 98 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 42.8% | d5-Phenol         | 63.5% |
| 2-Fluorophenol         | 66.4% | d4-2-Chlorophenol | 68.5% |
| d4-1,2-Dichlorobenzene | 59.2% | d5-Nitrobenzene   | 140%  |
| 2,4,6-Tribromophenol   | 59.7% | d14-p-Terphenyl   | 56.8% |

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC22-1.1-2**

Page 1 of 1

**REEXTRACT**

Lab Sample ID: JB46B

QC Report No: JB46-Windward Environmental, LLC

LIMS ID: 06-2917

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/14/06

Reported: 06/02/06 *AP*

Date Received: 02/14/06

Date Extracted: 05/19/06

Sample Amount: 5.66 g-dry-wt

Date Analyzed: 05/26/06 00:53

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 24.9%

Silica Gel Cleanup: No

pH: 7.3

| CAS Number | Analyte            | RL | Result |
|------------|--------------------|----|--------|
| 105-67-9   | 2,4-Dimethylphenol | 18 | < 18 U |

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

**SIM Semivolatile Surrogate Recovery**

d5-Phenol 71.2%

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC22-2-4

Page 1 of 1

SAMPLE

Lab Sample ID: JB46C

QC Report No: JB46-Windward Environmental, LLC

LIMS ID: 06-2918

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *AS*

Date Sampled: 02/14/06

Reported: 03/30/06

Date Received: 02/14/06

Date Extracted: 02/24/06

Sample Amount: 50.7 g-dry-wt

Date Analyzed: 03/21/06 18:46

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/VTS

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 24.8%

Silica Gel Cleanup: No

pH: 6.3

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | < 5.9 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | < 5.9 U |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | < 59 U  |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | < 5.9 U |
| 95-48-7    | 2-Methylphenol             | 5.9 | < 5.9 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 5.9 | < 5.9 U |
| 100-51-6   | Benzyl Alcohol             | 30  | < 30 U  |
| 87-86-5    | Pentachlorophenol          | 30  | < 30 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | < 5.9 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       | 50.0% | d5-Phenol         | 81.6% |
| 2-Fluorophenol         | 81.6% | d4-2-Chlorophenol | 81.6% |
| d4-1,2-Dichlorobenzene | 70.8% | d5-Nitrobenzene   | 78.4% |
| 2,4,6-Tribromophenol   | 73.1% | d14-p-Terphenyl   | 61.2% |



**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC22-2-4**

Page 1 of 1

**DILUTION**

Lab Sample ID: JB46C

QC Report No: JB46-Windward Environmental, LLC

LIMS ID: 06-2918

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *[Signature]*

Date Sampled: 02/14/06

Reported: 03/30/06

Date Received: 02/14/06

Date Extracted: 02/24/06

Sample Amount: 50.7 g-dry-wt

Date Analyzed: 03/22/06 18:46

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/VTS

Dilution Factor: 10.0

GPC Cleanup: Yes

Percent Moisture: 24.8%

Silica Gel Cleanup: No

pH: 6.3

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 20  | < 20 U  |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 20  | < 20 U  |
| 118-74-1   | Hexachlorobenzene          | 20  | < 20 U  |
| 87-68-3    | Hexachlorobutadiene        | 20  | < 20 U  |
| 65-85-0    | Benzoic Acid               | 200 | < 200 U |
| 85-68-7    | Butylbenzylphthalate       | 20  | < 20 U  |
| 95-48-7    | 2-Methylphenol             | 20  | < 20 U  |
| 105-67-9   | 2,4-Dimethylphenol         | 20  | < 20 U  |
| 86-30-6    | N-Nitrosodiphenylamine     | 20  | < 20 U  |
| 100-51-6   | Benzyl Alcohol             | 99  | < 99 U  |
| 87-86-5    | Pentachlorophenol          | 99  | < 99 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 20  | < 20 U  |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 99  | < 99 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 99  | < 99 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 47.6% | d5-Phenol         | 69.3% |
| 2-Fluorophenol         | 85.3% | d4-2-Chlorophenol | 80.0% |
| d4-1,2-Dichlorobenzene | 70.8% | d5-Nitrobenzene   | 172%  |
| 2,4,6-Tribromophenol   | 76.0% | d14-p-Terphenyl   | 73.2% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC22-2-4

Page 1 of 1

REEXTRACT

Lab Sample ID: JB46C

QC Report No: JB46-Windward Environmental, LLC

LIMS ID: 06-2918

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/14/06

Reported: 06/02/06

Date Received: 02/14/06

Date Extracted: 05/19/06

Sample Amount: 5.66 g-dry-wt

Date Analyzed: 05/26/06 01:25

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 24.8%

Silica Gel Cleanup: No

pH: 6.3

| CAS Number | Analyte            | RL | Result |
|------------|--------------------|----|--------|
| 105-67-9   | 2,4-Dimethylphenol | 18 | < 18 U |

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

**SIM Semivolatile Surrogate Recovery**

d5-Phenol 59.5%

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC23-0-0.5

Page 1 of 1

**SAMPLE**

Lab Sample ID: JL33I

QC Report No: JL33-Windward Environmental, LLC

LIMS ID: 06-9400

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: **VTS**

Date Sampled: 02/17/06

Reported: 06/30/06

Date Received: 02/17/06

Date Extracted: 06/12/06

Sample Amount: 32.6 g-dry-wt

Date Analyzed: 06/20/06 01:22

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 50.3%

Silica Gel Cleanup: No

pH: 6.6

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.1 | 32      |
| 106-46-7   | 1,4-Dichlorobenzene        | 6.1 | 3.7 J   |
| 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 |
| 85-68-7    | Butylbenzylphthalate       | 6.1 | 40      |
| 95-48-7    | 2-Methylphenol             | 6.1 | 6.1     |
| 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       | 41.2% | d5-Phenol         | 53.9% |
| 2-Fluorophenol         | 52.5% | d4-2-Chlorophenol | 58.9% |
| d4-1,2-Dichlorobenzene | 52.4% | d5-Nitrobenzene   | 29.3% |
| 2,4,6-Tribromophenol   | 57.9% | d14-p-Terphenyl   | 51.2% |

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC23-0-0.5**

Page 1 of 1

**DILUTION**

Lab Sample ID: JL33I

QC Report No: JL33-Windward Environmental, LLC

LIMS ID: 06-9400

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: **VTS**

Date Sampled: 02/17/06

Reported: 06/30/06

Date Received: 02/17/06

Date Extracted: 06/12/06

Sample Amount: 32.6 g-dry-wt

Date Analyzed: 06/21/06 01:02

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 50.3%

Silica Gel Cleanup: No

pH: 6.6

| CAS Number | Analyte                    | RL | Result |
|------------|----------------------------|----|--------|
| 53-70-3    | Dibenz (a, h) anthracene   | 18 | 33     |
| 106-46-7   | 1,4-Dichlorobenzene        | 18 | < 18 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 18 | < 18 U |
| 118-74-1   | Hexachlorobenzene          | 18 | < 18 U |
| 87-68-3    | Hexachlorobutadiene        | 18 | < 18 U |
| 85-68-7    | Butylbenzylphthalate       | 18 | 35     |
| 95-48-7    | 2-Methylphenol             | 18 | < 18 U |
| 105-67-9   | 2,4-Dimethylphenol         | 18 | < 18 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 18 | < 18 U |
| 100-51-6   | Benzyl Alcohol             | 92 | < 92 U |
| 87-86-5    | Pentachlorophenol          | 92 | < 92 U |
| 95-50-1    | 1,2-Dichlorobenzene        | 18 | < 18 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 92 | < 92 U |
| 62-75-9    | N-Nitrosodimethylamine     | 92 | < 92 U |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 47.6% | d5-Phenol         | 57.0% |
| 2-Fluorophenol         | 75.0% | d4-2-Chlorophenol | 62.5% |
| d4-1,2-Dichlorobenzene | 52.1% | d5-Nitrobenzene   | 51.8% |
| 2,4,6-Tribromophenol   | 53.4% | d14-p-Terphenyl   | 77.6% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC23-0.5-1

Page 1 of 1

SAMPLE

Lab Sample ID: JL33J

QC Report No: JL33-Windward Environmental, LLC

LIMS ID: 06-9401

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: **VTS**

Date Sampled: 02/17/06

Reported: 06/30/06

Date Received: 02/17/06

Date Extracted: 06/12/06

Sample Amount: 32.4 g-dry-wt

Date Analyzed: 06/20/06 01:59

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 45.5%

Silica Gel Cleanup: No

pH: 6.7

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.2 | 24      |
| 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 |
| 85-68-7    | Butylbenzylphthalate       | 6.2 | 38      |
| 95-48-7    | 2-Methylphenol             | 6.2 | 6.2 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  | < 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       | 40.4% | d5-Phenol         | 53.1% |
| 2-Fluorophenol         | 52.5% | d4-2-Chlorophenol | 59.5% |
| d4-1,2-Dichlorobenzene | 54.8% | d5-Nitrobenzene   | 29.3% |
| 2,4,6-Tribromophenol   | 57.9% | d14-p-Terphenyl   | 46.0% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC23-0.5-1

Page 1 of 1

DILUTION

Lab Sample ID: JL33J

QC Report No: JL33-Windward Environmental, LLC

LIMS ID: 06-9401

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: **VTS**

Date Sampled: 02/17/06

Reported: 06/30/06

Date Received: 02/17/06

Date Extracted: 06/12/06

Sample Amount: 32.4 g-dry-wt

Date Analyzed: 06/21/06 01:35

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 45.5%

Silica Gel Cleanup: No

pH: 6.7

| CAS Number | Analyte                    | RL | Result |
|------------|----------------------------|----|--------|
| 53-70-3    | Dibenz (a, h) anthracene   | 18 | 26     |
| 106-46-7   | 1,4-Dichlorobenzene        | 18 | < 18 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 18 | < 18 U |
| 118-74-1   | Hexachlorobenzene          | 18 | < 18 U |
| 87-68-3    | Hexachlorobutadiene        | 18 | < 18 U |
| 85-68-7    | Butylbenzylphthalate       | 18 | 35     |
| 95-48-7    | 2-Methylphenol             | 18 | < 18 U |
| 105-67-9   | 2,4-Dimethylphenol         | 18 | < 18 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 18 | < 18 U |
| 100-51-6   | Benzyl Alcohol             | 93 | < 93 U |
| 87-86-5    | Pentachlorophenol          | 93 | < 93 U |
| 95-50-1    | 1,2-Dichlorobenzene        | 18 | < 18 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 93 | < 93 U |
| 62-75-9    | N-Nitrosodimethylamine     | 93 | < 93 U |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 51.7% | d5-Phenol         | 55.8% |
| 2-Fluorophenol         | 75.4% | d4-2-Chlorophenol | 64.8% |
| d4-1,2-Dichlorobenzene | 54.4% | d5-Nitrobenzene   | 53.0% |
| 2,4,6-Tribromophenol   | 56.9% | d14-p-Terphenyl   | 77.6% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC23-1-1.5

Page 1 of 1

**SAMPLE**

Lab Sample ID: JL33K

QC Report No: JL33-Windward Environmental, LLC

LIMS ID: 06-9402

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: **VTS**

Date Sampled: 02/17/06

Reported: 06/30/06

Date Received: 02/17/06

Date Extracted: 06/12/06

Sample Amount: 32.6 g-dry-wt

Date Analyzed: 06/20/06 02:35

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 44.1%

Silica Gel Cleanup: No

pH: 6.6

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.1 | 29      |
| 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 |
| 85-68-7    | Butylbenzylphthalate       | 6.1 | 30      |
| 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       | 44.4% | d5-Phenol         | 57.9% |
| 2-Fluorophenol         | 77.3% | d4-2-Chlorophenol | 62.9% |
| d4-1,2-Dichlorobenzene | 57.6% | d5-Nitrobenzene   | 25.8% |
| 2,4,6-Tribromophenol   | 64.8% | d14-p-Terphenyl   | 50.8% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC23-1-1.5

Page 1 of 1

DILUTION

Lab Sample ID: JL33K

QC Report No: JL33-Windward Environmental, LLC

LIMS ID: 06-9402

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: **VTS**

Date Sampled: 02/17/06

Reported: 06/30/06

Date Received: 02/17/06

Date Extracted: 06/12/06

Sample Amount: 32.6 g-dry-wt

Date Analyzed: 06/21/06 02:09

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 44.1%

Silica Gel Cleanup: No

pH: 6.6

| CAS Number | Analyte                    | RL | Result |
|------------|----------------------------|----|--------|
| 53-70-3    | Dibenz (a, h) anthracene   | 18 | 33     |
| 106-46-7   | 1,4-Dichlorobenzene        | 18 | < 18 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 18 | < 18 U |
| 118-74-1   | Hexachlorobenzene          | 18 | < 18 U |
| 87-68-3    | Hexachlorobutadiene        | 18 | < 18 U |
| 85-68-7    | Butylbenzylphthalate       | 18 | 28     |
| 95-48-7    | 2-Methylphenol             | 18 | < 18 U |
| 105-67-9   | 2,4-Dimethylphenol         | 18 | < 18 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 18 | < 18 U |
| 100-51-6   | Benzyl Alcohol             | 92 | < 92 U |
| 87-86-5    | Pentachlorophenol          | 92 | < 92 U |
| 95-50-1    | 1,2-Dichlorobenzene        | 18 | < 18 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 92 | < 92 U |
| 62-75-9    | N-Nitrosodimethylamine     | 92 | < 92 U |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 57.0% | d5-Phenol         | 61.0% |
| 2-Fluorophenol         | 70.6% | d4-2-Chlorophenol | 69.6% |
| d4-1,2-Dichlorobenzene | 58.7% | d5-Nitrobenzene   | 54.5% |
| 2,4,6-Tribromophenol   | 66.2% | d14-p-Terphenyl   | 88.8% |



**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC23-1.5-2

Page 1 of 1

SAMPLE

Lab Sample ID: JL33L

QC Report No: JL33-Windward Environmental, LLC

LIMS ID: 06-9403

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: **VTS**

Date Sampled: 02/17/06

Reported: 06/30/06

Date Received: 02/17/06

Date Extracted: 06/12/06

Sample Amount: 32.4 g-dry-wt

Date Analyzed: 06/20/06 03:12

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 36.5%

Silica Gel Cleanup: No

pH: 6.6

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.2 | 32      |
| 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 |
| 85-68-7    | Butylbenzylphthalate       | 6.2 | 10      |
| 95-48-7    | 2-Methylphenol             | 6.2 | 9.3 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  | < 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         | 47.2% |
| 2-Fluorophenol         | 60.5% | d4-2-Chlorophenol | 53.6% |
| d4-1,2-Dichlorobenzene | 48.4% | d5-Nitrobenzene   | 29.6% |
| 2,4,6-Tribromophenol   | 48.5% | d14-p-Terphenyl   | 46.8% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC23-1.5-2

Page 1 of 1

DILUTION

Lab Sample ID: JL33L

QC Report No: JL33-Windward Environmental, LLC

LIMS ID: 06-9403

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: **VTS**

Date Sampled: 02/17/06

Reported: 06/30/06

Date Received: 02/17/06

Date Extracted: 06/12/06

Sample Amount: 32.4 g-dry-wt

Date Analyzed: 06/27/06 17:25

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 5.00

GPC Cleanup: Yes

Percent Moisture: 36.5%

Silica Gel Cleanup: No

pH: 6.6

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 31  | 100     |
| 106-46-7   | 1,4-Dichlorobenzene        | 31  | < 31 U  |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 31  | < 31 U  |
| 118-74-1   | Hexachlorobenzene          | 31  | < 31 U  |
| 87-68-3    | Hexachlorobutadiene        | 31  | < 31 U  |
| 85-68-7    | Butylbenzylphthalate       | 31  | < 31 U  |
| 95-48-7    | 2-Methylphenol             | 31  | < 31 U  |
| 105-67-9   | 2,4-Dimethylphenol         | 31  | < 31 U  |
| 86-30-6    | N-Nitrosodiphenylamine     | 31  | < 31 U  |
| 100-51-6   | Benzyl Alcohol             | 150 | < 150 U |
| 87-86-5    | Pentachlorophenol          | 150 | < 150 U |
| 95-50-1    | 1,2-Dichlorobenzene        | 31  | < 31 U  |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 150 | < 150 U |
| 62-75-9    | N-Nitrosodimethylamine     | 150 | < 150 U |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 48.4% | d5-Phenol         | 53.3% |
| 2-Fluorophenol         | 57.3% | d4-2-Chlorophenol | 50.1% |
| d4-1,2-Dichlorobenzene | 49.6% | d5-Nitrobenzene   | 61.2% |
| 2,4,6-Tribromophenol   | 55.3% | d14-p-Terphenyl   | 64.2% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC23-2-2.5

Page 1 of 1

SAMPLE

Lab Sample ID: JL33M

QC Report No: JL33-Windward Environmental, LLC

LIMS ID: 06-9404

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: VTS

Date Sampled: 02/17/06

Reported: 06/30/06

Date Received: 02/17/06

Date Extracted: 06/12/06

Sample Amount: 32.4 g-dry-wt

Date Analyzed: 06/20/06 16:59

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 43.2%

Silica Gel Cleanup: No

pH: 6.7

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.2 | 80      |
| 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 |
| 85-68-7    | Butylbenzylphthalate       | 6.2 | 8.6     |
| 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  | < 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       | 46.0% | d5-Phenol         | 60.0% |
| 2-Fluorophenol         | 83.2% | d4-2-Chlorophenol | 64.3% |
| d4-1,2-Dichlorobenzene | 58.4% | d5-Nitrobenzene   | 45.6% |
| 2,4,6-Tribromophenol   | 60.0% | d14-p-Terphenyl   | 70.0% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC23-2.5-3

Page 1 of 1

SAMPLE

Lab Sample ID: JL33N

QC Report No: JL33-Windward Environmental, LLC

LIMS ID: 06-9405

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: **VTS**

Date Sampled: 02/17/06

Reported: 06/30/06

Date Received: 02/17/06

Date Extracted: 06/12/06

Sample Amount: 32.4 g-dry-wt

Date Analyzed: 06/20/06 17:34

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 50.5%

Silica Gel Cleanup: No

pH: 7.0

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.2 | 14      |
| 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 |
| 85-68-7    | Butylbenzylphthalate       | 6.2 | 8.0     |
| 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       | 45.2% | d5-Phenol         | 58.1% |
| 2-Fluorophenol         | 85.1% | d4-2-Chlorophenol | 63.7% |
| d4-1,2-Dichlorobenzene | 51.6% | d5-Nitrobenzene   | 41.2% |
| 2,4,6-Tribromophenol   | 58.9% | d14-p-Terphenyl   | 55.6% |

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC23-3-3.5**

Page 1 of 1

**SAMPLE**

Lab Sample ID: JL330

QC Report No: JL33-Windward Environmental, LLC

LIMS ID: 06-9406

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *VTS*

Date Sampled: 02/17/06

Reported: 06/30/06

Date Received: 02/17/06

Date Extracted: 06/12/06

Sample Amount: 32.2 g-dry-wt

Date Analyzed: 06/20/06 18:09

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 48.3%

Silica Gel Cleanup: No

pH: 7.0

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.2 | 180     |
| 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 |
| 85-68-7    | Butylbenzylphthalate       | 6.2 | 32      |
| 95-48-7    | 2-Methylphenol             | 6.2 | 8.7 M   |
| 105-67-9   | 2,4-Dimethylphenol         | 6.2 | 9.9 M   |
| 86-30-6    | N-Nitrosodiphenylamine     | 38  | < 38 Y  |
| 100-51-6   | Benzyl Alcohol             | 34  | < 34 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       | 33.5% | d5-Phenol         | 62.7% |
| 2-Fluorophenol         | 65.9% | d4-2-Chlorophenol | 66.1% |
| d4-1,2-Dichlorobenzene | 61.2% | d5-Nitrobenzene   | 46.0% |
| 2,4,6-Tribromophenol   | 37.1% | d14-p-Terphenyl   | 46.0% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC23-3.5-4

Page 1 of 1

**SAMPLE**

Lab Sample ID: JL33P

QC Report No: JL33-Windward Environmental, LLC

LIMS ID: 06-9407

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: **VTS**

Date Sampled: 02/17/06

Reported: 06/30/06

Date Received: 02/17/06

Date Extracted: 06/12/06

Sample Amount: 32.7 g-dry-wt

Date Analyzed: 06/20/06 18:44

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 46.9%

Silica Gel Cleanup: No

pH: 6.9

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.1 | 80      |
| 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 |
| 85-68-7    | Butylbenzylphthalate       | 6.1 | 30      |
| 95-48-7    | 2-Methylphenol             | 6.1 | 6.1 M   |
| 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       | 33.0% | d5-Phenol         | 58.4% |
| 2-Fluorophenol         | 91.7% | d4-2-Chlorophenol | 60.5% |
| d4-1,2-Dichlorobenzene | 53.2% | d5-Nitrobenzene   | 40.0% |
| 2,4,6-Tribromophenol   | 43.5% | d14-p-Terphenyl   | 54.4% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC23-4-6

Page 1 of 1

**SAMPLE**

Lab Sample ID: JH57V


QC Report No: JH57-Windward Environmental, LLC

LIMS ID: 06-7263

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: 

Date Sampled: 02/17/06

Reported: 05/23/06

Date Received: 02/17/06

Date Extracted: 05/10/06

Sample Amount: 30.3 g-dry-wt

Date Analyzed: 05/18/06 15:11

Final Extract Volume: 2.0 mL

Instrument/Analyst: /PK

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 48.1%

Silica Gel Cleanup: No

pH: 7.7

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.6 | 43      |
| 106-46-7   | 1,4-Dichlorobenzene        | 6.6 | 4.0 J   |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 6.6 | < 6.6 U |
| 118-74-1   | Hexachlorobenzene          | 6.6 | < 6.6 U |
| 87-68-3    | Hexachlorobutadiene        | 6.6 | < 6.6 U |
| 131-11-3   | Dimethylphthalate          | 6.6 | < 6.6 U |
| 85-68-7    | Butylbenzylphthalate       | 6.6 | 24      |
| 95-48-7    | 2-Methylphenol             | 6.6 | < 6.6 U |
| 105-67-9   | 2,4-Dimethylphenol         | 6.6 | < 6.6 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 97  | < 97 Y  |
| 100-51-6   | Benzyl Alcohol             | 33  | < 33 U  |
| 87-86-5    | Pentachlorophenol          | 33  | 40      |
| 95-50-1    | 1,2-Dichlorobenzene        | 6.6 | < 6.6 U |
| 541-73-1   | 1,3-Dichlorobenzene        | 6.6 | < 6.6 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 33  | < 33 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 33  | < 33 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 84.4% | d5-Phenol         | 67.2% |
| 2-Fluorophenol         | 64.8% | d4-2-Chlorophenol | 60.8% |
| d4-1,2-Dichlorobenzene | 60.0% | d5-Nitrobenzene   | 85.2% |
| 2,4,6-Tribromophenol   | 87.2% | d14-p-Terphenyl   | 43.6% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC23-0-2

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB91C

QC Report No: JB91-Windward Environmental, LLC

LIMS ID: 06-3311

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/17/06

Reported: 03/22/06

Date Received: 02/17/06

Date Extracted: 02/24/06

Sample Amount: 25.5 g-dry-wt

Date Analyzed: 03/17/06 17:08

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT6/VTS

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 46.1%

Silica Gel Cleanup: No

pH: 7.5

| CAS Number     | Analyte                     | RL         | Result     |
|----------------|-----------------------------|------------|------------|
| 106-46-7       | 1,4-Dichlorobenzene         | 5.9        | < 5.9 U    |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 5.9        | < 5.9 U    |
| 118-74-1       | Hexachlorobenzene           | 5.9        | < 5.9 U    |
| 87-68-3        | Hexachlorobutadiene         | 5.9        | < 5.9 U    |
| <b>65-85-0</b> | <b>Benzoic Acid</b>         | <b>59</b>  | <b>250</b> |
| <b>85-68-7</b> | <b>Butylbenzylphthalate</b> | <b>5.9</b> | <b>28</b>  |
| <b>95-48-7</b> | <b>2-Methylphenol</b>       | <b>5.9</b> | <b>7.1</b> |
| 105-67-9       | 2,4-Dimethylphenol          | 5.9        | < 5.9 U    |
| 86-30-6        | N-Nitrosodiphenylamine      | 22         | < 22 Y     |
| 100-51-6       | Benzyl Alcohol              | 29         | < 29 U     |
| 87-86-5        | Pentachlorophenol           | 29         | < 29 U     |
| 95-50-1        | 1,2-Dichlorobenzene         | 5.9        | < 5.9 U    |
| 621-64-7       | N-Nitroso-Di-N-Propylamine  | 29         | < 29 U     |
| 62-75-9        | N-Nitrosodimethylamine      | 29         | < 29 U     |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 70.8% | d5-Phenol         | 84.0% |
| 2-Fluorophenol         | 63.0% | d4-2-Chlorophenol | 77.0% |
| d4-1,2-Dichlorobenzene | 58.7% | d5-Nitrobenzene   | 77.6% |
| 2,4,6-Tribromophenol   | 79.5% | d14-p-Terphenyl   | 58.8% |



**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC23-2-4  
SAMPLE

Lab Sample ID: JB91D

LIMS ID: 06-3312

Matrix: Sediment

Data Release Authorized:

Reported: 03/22/06

QC Report No: JB91-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

Event: 05-08-06-32

Date Sampled: 02/17/06

Date Received: 02/17/06

Date Extracted: 02/24/06

Date Analyzed: 03/17/06 17:43

Instrument/Analyst: NT6/VTS

GPC Cleanup: No

Silica Gel Cleanup: No

Sample Amount: 25.4 g-dry-wt

Final Extract Volume: 0.5 mL

Dilution Factor: 3.00

Percent Moisture: 52.2%

pH: 7.4

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | < 5.9 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | < 5.9 U |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | 240     |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | 24      |
| 95-48-7    | 2-Methylphenol             | 5.9 | 10      |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 45  | < 45 Y  |
| 100-51-6   | Benzyl Alcohol             | 30  | < 30 U  |
| 87-86-5    | Pentachlorophenol          | 30  | < 30 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | < 5.9 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       | 79.1% | d5-Phenol         | 78.7% |
| 2-Fluorophenol         | 74.1% | d4-2-Chlorophenol | 74.7% |
| d4-1,2-Dichlorobenzene | 54.4% | d5-Nitrobenzene   | 70.1% |
| 2,4,6-Tribromophenol   | 71.1% | d14-p-Terphenyl   | 40.2% |

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC24-0-1**

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB98Q

QC Report No: JB98-Windward Environmental, LLC

LIMS ID: 06-3381

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/17/06

Reported: 03/23/06

Date Received: 02/17/06

Date Extracted: 03/02/06

Sample Amount: 25.6 g-dry-wt

Date Analyzed: 03/22/06 16:18

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 45.8%

Silica Gel Cleanup: No

pH: 7.7

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | < 5.9 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | < 5.9 U |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | 88      |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | 23      |
| 95-48-7    | 2-Methylphenol             | 5.9 | < 5.9 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 33  | < 33 Y  |
| 100-51-6   | Benzyl Alcohol             | 29  | < 29 U  |
| 87-86-5    | Pentachlorophenol          | 29  | 24 J    |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | < 5.9 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 29  | < 29 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 29  | < 29 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 60.2% | d5-Phenol         | 59.2% |
| 2-Fluorophenol         | 63.2% | d4-2-Chlorophenol | 61.5% |
| d4-1,2-Dichlorobenzene | 52.1% | d5-Nitrobenzene   | 96.8% |
| 2,4,6-Tribromophenol   | 57.2% | d14-p-Terphenyl   | 42.1% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC24-1-2

Page 1 of 1

SAMPLE

Lab Sample ID: JB98R

QC Report No: JB98-Windward Environmental, LLC

LIMS ID: 06-3382

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/17/06

Reported: 03/23/06

Date Received: 02/17/06

Date Extracted: 03/02/06

Sample Amount: 25.4 g-dry-wt

Date Analyzed: 03/20/06 15:42

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 29.6%

Silica Gel Cleanup: No

pH: 7.5

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | < 5.9 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | < 5.9 U |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | 48 J    |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | < 5.9 U |
| 95-48-7    | 2-Methylphenol             | 5.9 | < 5.9 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 6.5 | < 6.5 Y |
| 100-51-6   | Benzyl Alcohol             | 30  | < 30 U  |
| 87-86-5    | Pentachlorophenol          | 30  | < 30 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | < 5.9 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       | 104%  | d5-Phenol         | 65.5% |
| 2-Fluorophenol         | 73.6% | d4-2-Chlorophenol | 59.0% |
| d4-1,2-Dichlorobenzene | 64.0% | d5-Nitrobenzene   | 84.4% |
| 2,4,6-Tribromophenol   | 154%  | d14-p-Terphenyl   | 48.2% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC24-2-4

Page 1 of 1

SAMPLE

Lab Sample ID: JB98S

QC Report No: JB98-Windward Environmental, LLC

LIMS ID: 06-3383

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/17/06

Reported: 03/23/06 *AB*

Date Received: 02/17/06

Date Extracted: 03/02/06

Sample Amount: 25.5 g-dry-wt

Date Analyzed: 03/20/06 16:16

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 27.3%

Silica Gel Cleanup: No

pH: 7.8

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | < 5.9 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | < 5.9 U |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | < 59 U  |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | < 5.9 U |
| 95-48-7    | 2-Methylphenol             | 5.9 | < 5.9 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 5.9 | < 5.9 U |
| 100-51-6   | Benzyl Alcohol             | 29  | < 29 U  |
| 87-86-5    | Pentachlorophenol          | 29  | < 29 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | < 5.9 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 29  | < 29 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 29  | < 29 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 108%  | d5-Phenol         | 64.3% |
| 2-Fluorophenol         | 76.2% | d4-2-Chlorophenol | 60.6% |
| d4-1,2-Dichlorobenzene | 66.5% | d5-Nitrobenzene   | 74.4% |
| 2,4,6-Tribromophenol   | 134%  | d14-p-Terphenyl   | 49.9% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC25-0-1

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB96Q

QC Report No: JB96-Windward Environmental, LLC

LIMS ID: 06-3358

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *PS*

Date Sampled: 02/18/06

Reported: 03/30/06

Date Received: 02/18/06

Date Extracted: 03/04/06

Sample Amount: 43.9 g-dry-wt

Date Analyzed: 03/29/06 15:21

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/VTS

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 52.8%

Silica Gel Cleanup: No

pH: 7.3

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 6.8 | < 6.8 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 6.8 | < 6.8 U |
| 118-74-1   | Hexachlorobenzene          | 6.8 | < 6.8 U |
| 87-68-3    | Hexachlorobutadiene        | 6.8 | < 6.8 U |
| 65-85-0    | Benzoic Acid               | 68  | 75 B    |
| 85-68-7    | Butylbenzylphthalate       | 6.8 | 27      |
| 95-48-7    | 2-Methylphenol             | 6.8 | 4.1 J   |
| 105-67-9   | 2,4-Dimethylphenol         | 6.8 | < 6.8 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 33  | < 33 Y  |
| 100-51-6   | Benzyl Alcohol             | 34  | 26 J    |
| 87-86-5    | Pentachlorophenol          | 34  | 20 J    |
| 95-50-1    | 1,2-Dichlorobenzene        | 6.8 | < 6.8 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 34  | < 34 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 34  | < 34 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 128%  | d5-Phenol         | 52.3% |
| 2-Fluorophenol         | 53.9% | d4-2-Chlorophenol | 61.5% |
| d4-1,2-Dichlorobenzene | 50.5% | d5-Nitrobenzene   | 35.6% |
| 2,4,6-Tribromophenol   | 140%  | d14-p-Terphenyl   | 27.8% |


**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC25-1-2

Page 1 of 1

SAMPLE

Lab Sample ID: JB96R  
LIMS ID: 06-3359  
Matrix: Sediment  
Data Release Authorized:   
Reported: 03/30/06

QC Report No: JB96-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/18/06  
Date Received: 02/18/06

Date Extracted: 03/04/06  
Date Analyzed: 03/29/06 15:55  
Instrument/Analyst: NT6/VTS  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 50.1 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 3.00  
Percent Moisture: 48.4%  
pH: 6.8

| CAS Number      | Analyte                     | RL         | Result      |
|-----------------|-----------------------------|------------|-------------|
| 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     |
| 65-85-0         | Benzoic Acid                | 60         | < 60 U      |
| <b>85-68-7</b>  | <b>Butylbenzylphthalate</b> | <b>6.0</b> | <b>32</b>   |
| 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      | 32         | < 32 Y      |
| <b>100-51-6</b> | <b>Benzyl Alcohol</b>       | <b>30</b>  | <b>19 J</b> |
| <b>87-86-5</b>  | <b>Pentachlorophenol</b>    | <b>30</b>  | <b>21 J</b> |
| 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       | 127%  | d5-Phenol         | 51.4% |
| 2-Fluorophenol         | 57.8% | d4-2-Chlorophenol | 64.6% |
| d4-1,2-Dichlorobenzene | 47.9% | d5-Nitrobenzene   | 31.7% |
| 2,4,6-Tribromophenol   | 140%  | d14-p-Terphenyl   | 22.1% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC25-2-4

Page 1 of 1

SAMPLE

Lab Sample ID: JB96S


QC Report No: JB96-Windward Environmental, LLC

LIMS ID: 06-3360

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: 

Date Sampled: 02/18/06

Reported: 03/30/06

Date Received: 02/18/06

Date Extracted: 03/04/06

Sample Amount: 50.0 g-dry-wt

Date Analyzed: 03/28/06 17:23

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 46.2%

Silica Gel Cleanup: No

pH: 7.4

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 6.0 | 4.2 J   |
| 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 |
| 65-85-0    | Benzoic Acid               | 60  | 77 B    |
| 85-68-7    | Butylbenzylphthalate       | 6.0 | 62      |
| 95-48-7    | 2-Methylphenol             | 6.0 | 8.4     |
| 105-67-9   | 2,4-Dimethylphenol         | 6.0 | 7.8 M   |
| 86-30-6    | N-Nitrosodiphenylamine     | 58  | < 58 Y  |
| 100-51-6   | Benzyl Alcohol             | 30  | 20 J    |
| 87-86-5    | Pentachlorophenol          | 30  | 37      |
| 95-50-1    | 1,2-Dichlorobenzene        | 6.0 | 7.8     |
| 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       | 122%  | d5-Phenol         | 59.4% |
| 2-Fluorophenol         | 62.9% | d4-2-Chlorophenol | 66.8% |
| d4-1,2-Dichlorobenzene | 55.2% | d5-Nitrobenzene   | 32.0% |
| 2,4,6-Tribromophenol   | 142%  | d14-p-Terphenyl   | 40.7% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC26-0-1

Page 1 of 1

SAMPLE

Lab Sample ID: JC21AL

QC Report No: JC21-Windward Environmental, LLC

LIMS ID: 06-3610

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *[Signature]*

Date Sampled: 02/22/06

Reported: 03/30/06

Date Received: 02/22/06

Date Extracted: 03/07/06

Sample Amount: 50.5 g-dry-wt

Date Analyzed: 03/24/06 20:03

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 52.4%

Silica Gel Cleanup: No

pH: 7.1

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | 3.6 J   |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | < 5.9 U |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | 160     |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | 48      |
| 95-48-7    | 2-Methylphenol             | 5.9 | < 5.9 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 30  | < 30 Y  |
| 100-51-6   | Benzyl Alcohol             | 30  | < 30 U  |
| 87-86-5    | Pentachlorophenol          | 30  | 20 J    |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | < 5.9 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       | 122%  | d5-Phenol         | 59.1% |
| 2-Fluorophenol         | 64.4% | d4-2-Chlorophenol | 76.0% |
| d4-1,2-Dichlorobenzene | 58.2% | d5-Nitrobenzene   | 103%  |
| 2,4,6-Tribromophenol   | 132%  | d14-p-Terphenyl   | 50.5% |



**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC26-0-1

Page 1 of 1

DILUTION

Lab Sample ID: JC21AL

QC Report No: JC21-Windward Environmental, LLC

LIMS ID: 06-3610


Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/22/06

Reported: 03/30/06 

Date Received: 02/22/06

Date Extracted: 03/07/06

Sample Amount: 50.5 g-dry-wt

Date Analyzed: 03/28/06 12:20

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 10.0

GPC Cleanup: Yes

Percent Moisture: 52.4%

Silica Gel Cleanup: No

pH: 7.1

| CAS Number     | Analyte                     | RL        | Result    |
|----------------|-----------------------------|-----------|-----------|
| 106-46-7       | 1,4-Dichlorobenzene         | 20        | < 20 U    |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 20        | < 20 U    |
| 118-74-1       | Hexachlorobenzene           | 20        | < 20 U    |
| 87-68-3        | Hexachlorobutadiene         | 20        | < 20 U    |
| 65-85-0        | Benzoic Acid                | 200       | < 200 U   |
| <b>85-68-7</b> | <b>Butylbenzylphthalate</b> | <b>20</b> | <b>59</b> |
| 95-48-7        | 2-Methylphenol              | 20        | < 20 U    |
| 105-67-9       | 2,4-Dimethylphenol          | 20        | < 20 U    |
| 86-30-6        | N-Nitrosodiphenylamine      | 36        | < 36 Y    |
| 100-51-6       | Benzyl Alcohol              | 99        | < 99 U    |
| 87-86-5        | Pentachlorophenol           | 99        | < 99 U    |
| 95-50-1        | 1,2-Dichlorobenzene         | 20        | < 20 U    |
| 621-64-7       | N-Nitroso-Di-N-Propylamine  | 99        | < 99 U    |
| 62-75-9        | N-Nitrosodimethylamine      | 99        | < 99 U    |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 172%  | d5-Phenol         | 67.5% |
| 2-Fluorophenol         | 71.5% | d4-2-Chlorophenol | 78.9% |
| d4-1,2-Dichlorobenzene | 66.0% | d5-Nitrobenzene   | 36.4% |
| 2,4,6-Tribromophenol   | 125%  | d14-p-Terphenyl   | 59.2% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC26-1-2

Page 1 of 1

SAMPLE

Lab Sample ID: JC21AM

QC Report No: JC21-Windward Environmental, LLC

LIMS ID: 06-3611

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/22/06

Reported: 03/30/06

Date Received: 02/22/06

Date Extracted: 03/07/06

Sample Amount: 50.1 g-dry-wt

Date Analyzed: 03/24/06 20:36

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 47.3%

Silica Gel Cleanup: No

pH: 7.4

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 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 |
| 65-85-0    | Benzoic Acid               | 60  | 100     |
| 85-68-7    | Butylbenzylphthalate       | 6.0 | 36      |
| 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     | 24  | < 24 Y  |
| 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       | 106%  | d5-Phenol         | 60.2% |
| 2-Fluorophenol         | 61.1% | d4-2-Chlorophenol | 75.0% |
| d4-1,2-Dichlorobenzene | 57.1% | d5-Nitrobenzene   | 87.5% |
| 2,4,6-Tribromophenol   | 120%  | d14-p-Terphenyl   | 44.8% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC26-1-2

Page 1 of 1

DILUTION

Lab Sample ID: JC21AM

QC Report No: JC21-Windward Environmental, LLC

LIMS ID: 06-3611

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/22/06

Reported: 03/30/06

Date Received: 02/22/06

Date Extracted: 03/07/06

Sample Amount: 50.1 g-dry-wt

Date Analyzed: 03/28/06 12:54

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 10.0

GPC Cleanup: Yes

Percent Moisture: 47.3%

Silica Gel Cleanup: No

pH: 7.4

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 20  | < 20 U  |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 20  | < 20 U  |
| 118-74-1   | Hexachlorobenzene          | 20  | < 20 U  |
| 87-68-3    | Hexachlorobutadiene        | 20  | < 20 U  |
| 65-85-0    | Benzoic Acid               | 200 | < 200 U |
| 85-68-7    | Butylbenzylphthalate       | 20  | 44      |
| 95-48-7    | 2-Methylphenol             | 20  | < 20 U  |
| 105-67-9   | 2,4-Dimethylphenol         | 20  | < 20 U  |
| 86-30-6    | N-Nitrosodiphenylamine     | 28  | < 28 Y  |
| 100-51-6   | Benzyl Alcohol             | 100 | < 100 U |
| 87-86-5    | Pentachlorophenol          | 100 | < 100 U |
| 95-50-1    | 1,2-Dichlorobenzene        | 20  | < 20 U  |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 100 | < 100 U |
| 62-75-9    | N-Nitrosodimethylamine     | 100 | < 100 U |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 152%  | d5-Phenol         | 63.2% |
| 2-Fluorophenol         | 66.7% | d4-2-Chlorophenol | 72.8% |
| d4-1,2-Dichlorobenzene | 60.4% | d5-Nitrobenzene   | 28.4% |
| 2,4,6-Tribromophenol   | 117%  | d14-p-Terphenyl   | 50.4% |

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC26-2-4**

Page 1 of 1

**SAMPLE**

Lab Sample ID: JC21AN

QC Report No: JC21-Windward Environmental, LLC

LIMS ID: 06-3612

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/22/06

Reported: 03/30/06

Date Received: 02/22/06

Date Extracted: 03/07/06

Sample Amount: 50.2 g-dry-wt

Date Analyzed: 03/24/06 21:09

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 46.6%

Silica Gel Cleanup: No

pH: 8.0

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 6.0 | 4.8 J   |
| 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 |
| 65-85-0    | Benzoic Acid               | 60  | 80      |
| 85-68-7    | Butylbenzylphthalate       | 6.0 | 41      |
| 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     | 38  | < 38 Y  |
| 100-51-6   | Benzyl Alcohol             | 30  | < 30 U  |
| 87-86-5    | Pentachlorophenol          | 30  | 24 J    |
| 95-50-1    | 1,2-Dichlorobenzene        | 6.0 | 9.0     |
| 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       | 98.8% | d5-Phenol         | 52.2% |
| 2-Fluorophenol         | 52.6% | d4-2-Chlorophenol | 65.1% |
| d4-1,2-Dichlorobenzene | 51.5% | d5-Nitrobenzene   | 82.2% |
| 2,4,6-Tribromophenol   | 111%  | d14-p-Terphenyl   | 38.4% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC26-2-4

Page 1 of 1

DILUTION

Lab Sample ID: JC21AN

QC Report No: JC21-Windward Environmental, LLC

LIMS ID: 06-3612

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *AS*

Date Sampled: 02/22/06

Reported: 03/30/06

Date Received: 02/22/06

Date Extracted: 03/07/06

Sample Amount: 50.2 g-dry-wt

Date Analyzed: 03/28/06 13:27

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 10.0

GPC Cleanup: Yes

Percent Moisture: 46.6%

Silica Gel Cleanup: No

pH: 8.0

| CAS Number     | Analyte                     | RL        | Result      |
|----------------|-----------------------------|-----------|-------------|
| 106-46-7       | 1,4-Dichlorobenzene         | 20        | < 20 U      |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 20        | < 20 U      |
| 118-74-1       | Hexachlorobenzene           | 20        | < 20 U      |
| 87-68-3        | Hexachlorobutadiene         | 20        | < 20 U      |
| 65-85-0        | Benzoic Acid                | 200       | < 200 U     |
| <b>85-68-7</b> | <b>Butylbenzylphthalate</b> | <b>20</b> | <b>56</b>   |
| 95-48-7        | 2-Methylphenol              | 20        | < 20 U      |
| 105-67-9       | 2,4-Dimethylphenol          | 20        | < 20 U      |
| 86-30-6        | N-Nitrosodiphenylamine      | 46        | < 46 Y      |
| 100-51-6       | Benzyl Alcohol              | 100       | < 100 U     |
| 87-86-5        | Pentachlorophenol           | 100       | < 100 U     |
| <b>95-50-1</b> | <b>1,2-Dichlorobenzene</b>  | <b>20</b> | <b>10 J</b> |
| 621-64-7       | N-Nitroso-Di-N-Propylamine  | 100       | < 100 U     |
| 62-75-9        | N-Nitrosodimethylamine      | 100       | < 100 U     |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 142%  | d5-Phenol         | 60.8% |
| 2-Fluorophenol         | 64.8% | d4-2-Chlorophenol | 71.7% |
| d4-1,2-Dichlorobenzene | 59.2% | d5-Nitrobenzene   | 33.6% |
| 2,4,6-Tribromophenol   | 115%  | d14-p-Terphenyl   | 45.6% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC26-6-8

Page 1 of 1

**SAMPLE**

Lab Sample ID: JH57A

QC Report No: JH57-Windward Environmental, LLC

LIMS ID: 06-7166

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *AS*

Date Sampled: 02/22/06

Reported: 05/23/06

Date Received: 02/22/06

Date Extracted: 05/10/06

Sample Amount: 30.7 g-dry-wt

Date Analyzed: 05/18/06 19:43

Final Extract Volume: 2.0 mL

Instrument/Analyst: E/PK

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 41.5%

Silica Gel Cleanup: No

pH: 7.8

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.5 | 400     |
| 106-46-7   | 1,4-Dichlorobenzene        | 6.5 | 11      |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 6.5 | 9.8     |
| 118-74-1   | Hexachlorobenzene          | 6.5 | < 6.5 U |
| 87-68-3    | Hexachlorobutadiene        | 6.5 | < 6.5 U |
| 131-11-3   | Dimethylphthalate          | 6.5 | 20      |
| 85-68-7    | Butylbenzylphthalate       | 6.5 | 30      |
| 95-48-7    | 2-Methylphenol             | 6.5 | 12      |
| 105-67-9   | 2,4-Dimethylphenol         | 6.5 | 24      |
| 86-30-6    | N-Nitrosodiphenylamine     | 640 | < 640 Y |
| 100-51-6   | Benzyl Alcohol             | 33  | < 33 U  |
| 87-86-5    | Pentachlorophenol          | 33  | 860 E   |
| 95-50-1    | 1,2-Dichlorobenzene        | 6.5 | 73      |
| 541-73-1   | 1,3-Dichlorobenzene        | 6.5 | < 6.5 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 33  | < 33 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 33  | < 33 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 133%  | d5-Phenol         | 69.1% |
| 2-Fluorophenol         | 64.8% | d4-2-Chlorophenol | 62.9% |
| d4-1,2-Dichlorobenzene | 61.2% | d5-Nitrobenzene   | 103%  |
| 2,4,6-Tribromophenol   | 107%  | d14-p-Terphenyl   | 58.4% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC26-6-8

Page 1 of 1

DILUTION

Lab Sample ID: JH57A

QC Report No: JH57-Windward Environmental, LLC

LIMS ID: 06-7166

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *RB*

Date Sampled: 02/22/06

Reported: 05/23/06

Date Received: 02/22/06

Date Extracted: 05/10/06

Sample Amount: 30.7 g-dry-wt

Date Analyzed: 05/19/06 17:59

Final Extract Volume: 2.0 mL

Instrument/Analyst: /PK

Dilution Factor: 5.00

GPC Cleanup: Yes

Percent Moisture: 41.5%

Silica Gel Cleanup: No

pH: 7.8

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 33  | 660     |
| 106-46-7   | 1,4-Dichlorobenzene        | 33  | < 33 U  |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 33  | < 33 U  |
| 118-74-1   | Hexachlorobenzene          | 33  | < 33 U  |
| 87-68-3    | Hexachlorobutadiene        | 33  | < 33 U  |
| 131-11-3   | Dimethylphthalate          | 33  | < 33 U  |
| 85-68-7    | Butylbenzylphthalate       | 33  | 33      |
| 95-48-7    | 2-Methylphenol             | 33  | < 33 U  |
| 105-67-9   | 2,4-Dimethylphenol         | 33  | < 33 U  |
| 86-30-6    | N-Nitrosodiphenylamine     | 640 | < 640 Y |
| 100-51-6   | Benzyl Alcohol             | 160 | < 160 U |
| 87-86-5    | Pentachlorophenol          | 160 | 800     |
| 95-50-1    | 1,2-Dichlorobenzene        | 33  | 75      |
| 541-73-1   | 1,3-Dichlorobenzene        | 33  | < 33 U  |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 160 | < 160 U |
| 62-75-9    | N-Nitrosodimethylamine     | 160 | < 160 U |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 92.2% | d5-Phenol         | 82.7% |
| 2-Fluorophenol         | 73.5% | d4-2-Chlorophenol | 70.7% |
| d4-1,2-Dichlorobenzene | 68.0% | d5-Nitrobenzene   | 91.8% |
| 2,4,6-Tribromophenol   | 76.9% | d14-p-Terphenyl   | 66.0% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS Sample ID: LDW-SC27-0-2

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB46Y

LIMS ID: 06-2940

Matrix: Sediment

Data Release Authorized:

Reported: 03/30/06

QC Report No: JB46-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

Event: 05-08-06-32

Date Sampled: 02/14/06

Date Received: 02/14/06

Date Extracted: 02/24/06

Date Analyzed: 03/21/06 20:25

Instrument/Analyst: NT6/VTS

GPC Cleanup: Yes

Silica Gel Cleanup: No

Sample Amount: 50.5 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 3.00

Percent Moisture: 46.6%

pH: 8.0

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | 4.2 J   |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | 5.9     |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | 79 B    |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | 17 M    |
| 95-48-7    | 2-Methylphenol             | 5.9 | 3.6 J   |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 43  | < 43 Y  |
| 100-51-6   | Benzyl Alcohol             | 30  | 20 J    |
| 87-86-5    | Pentachlorophenol          | 30  | < 30 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | 4.2 J   |
| 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       | 24.7% | d5-Phenol         | 70.8% |
| 2-Fluorophenol         | 77.0% | d4-2-Chlorophenol | 74.4% |
| d4-1,2-Dichlorobenzene | 57.6% | d5-Nitrobenzene   | 80.5% |
| 2,4,6-Tribromophenol   | 40.6% | d14-p-Terphenyl   | 55.7% |



**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS Sample ID: LDW-SC27-0-2  
Page 1 of 1 DILUTION

Lab Sample ID: JB46Y  
LIMS ID: 06-2940  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/30/06

QC Report No: JB46-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/14/06  
Date Received: 02/14/06

Date Extracted: 02/24/06  
Date Analyzed: 03/22/06 20:25  
Instrument/Analyst: NT6/VTS  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 50.5 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 10.0  
Percent Moisture: 46.6%  
pH: 8.0

| CAS Number     | Analyte                     | RL        | Result    |
|----------------|-----------------------------|-----------|-----------|
| 106-46-7       | 1,4-Dichlorobenzene         | 20        | < 20 U    |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 20        | < 20 U    |
| 118-74-1       | Hexachlorobenzene           | 20        | < 20 U    |
| 87-68-3        | Hexachlorobutadiene         | 20        | < 20 U    |
| 65-85-0        | Benzoic Acid                | 200       | < 200 U   |
| <b>85-68-7</b> | <b>Butylbenzylphthalate</b> | <b>20</b> | <b>40</b> |
| 95-48-7        | 2-Methylphenol              | 20        | < 20 U    |
| 105-67-9       | 2,4-Dimethylphenol          | 20        | < 20 U    |
| 86-30-6        | N-Nitrosodiphenylamine      | 73        | < 73 Y    |
| 100-51-6       | Benzyl Alcohol              | 99        | < 99 U    |
| 87-86-5        | Pentachlorophenol           | 99        | < 99 U    |
| 95-50-1        | 1,2-Dichlorobenzene         | 20        | < 20 U    |
| 621-64-7       | N-Nitroso-Di-N-Propylamine  | 99        | < 99 U    |
| 62-75-9        | N-Nitrosodimethylamine      | 99        | < 99 U    |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 40.8% | d5-Phenol         | 69.6% |
| 2-Fluorophenol         | 77.3% | d4-2-Chlorophenol | 71.2% |
| d4-1,2-Dichlorobenzene | 63.6% | d5-Nitrobenzene   | 156%  |
| 2,4,6-Tribromophenol   | 64.0% | d14-p-Terphenyl   | 52.8% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC27-0-2

Page 1 of 1

REEXTRACT

Lab Sample ID: JB46Y  
LIMS ID: 06-2940  
Matrix: Sediment  
Data Release Authorized:  
Reported: 06/02/06

QC Report No: JB46-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/14/06  
Date Received: 02/14/06

Date Extracted: 05/19/06  
Date Analyzed: 05/26/06 03:02  
Instrument/Analyst: NT6/LJR  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 5.62 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 1.00  
Percent Moisture: 46.6%  
pH: 8.0

| CAS Number | Analyte            | RL | Result |
|------------|--------------------|----|--------|
| 105-67-9   | 2,4-Dimethylphenol | 18 | < 18 U |

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

**SIM Semivolatile Surrogate Recovery**

|           |       |
|-----------|-------|
| d5-Phenol | 60.5% |
|-----------|-------|

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC27-2-4.5

Page 1 of 1

SAMPLE

Lab Sample ID: JB46Z

QC Report No: JB46-Windward Environmental, LLC

LIMS ID: 06-2941

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/14/06

Reported: 03/30/06

Date Received: 02/14/06

Date Extracted: 02/24/06

Sample Amount: 51.0 g-dry-wt

Date Analyzed: 03/21/06 20:58

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/VTS

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 39.8%

Silica Gel Cleanup: No

pH: 8.0

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | < 5.9 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | < 5.9 U |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | < 59 U  |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | < 5.9 U |
| 95-48-7    | 2-Methylphenol             | 5.9 | < 5.9 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 19  | < 19 Y  |
| 100-51-6   | Benzyl Alcohol             | 29  | < 29 U  |
| 87-86-5    | Pentachlorophenol          | 29  | < 29 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | < 5.9 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 29  | < 29 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 29  | < 29 U  |

Reported in µg/kg (ppb)

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 31.6% | d5-Phenol         | 70.4% |
| 2-Fluorophenol         | 73.5% | d4-2-Chlorophenol | 74.5% |
| d4-1,2-Dichlorobenzene | 60.1% | d5-Nitrobenzene   | 71.4% |
| 2,4,6-Tribromophenol   | 44.8% | d14-p-Terphenyl   | 58.9% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC27-2-4.5

Page 1 of 1

DILUTION

Lab Sample ID: JB46Z

QC Report No: JB46-Windward Environmental, LLC

LIMS ID: 06-2941

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/14/06

Reported: 03/30/06

Date Received: 02/14/06

Date Extracted: 02/24/06

Sample Amount: 51.0 g-dry-wt

Date Analyzed: 03/23/06 17:49

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/VTS

Dilution Factor: 10.0

GPC Cleanup: Yes

Percent Moisture: 39.8%

Silica Gel Cleanup: No

pH: 8.0

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 20  | < 20 U  |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 20  | < 20 U  |
| 118-74-1   | Hexachlorobenzene          | 20  | < 20 U  |
| 87-68-3    | Hexachlorobutadiene        | 20  | < 20 U  |
| 65-85-0    | Benzoic Acid               | 200 | < 200 U |
| 85-68-7    | Butylbenzylphthalate       | 20  | < 20 U  |
| 95-48-7    | 2-Methylphenol             | 20  | < 20 U  |
| 105-67-9   | 2,4-Dimethylphenol         | 20  | < 20 U  |
| 86-30-6    | N-Nitrosodiphenylamine     | 22  | < 22 Y  |
| 100-51-6   | Benzyl Alcohol             | 98  | < 98 U  |
| 87-86-5    | Pentachlorophenol          | 98  | < 98 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 20  | < 20 U  |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 98  | < 98 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 98  | < 98 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 72.8% | d5-Phenol         | 70.7% |
| 2-Fluorophenol         | 68.8% | d4-2-Chlorophenol | 67.2% |
| d4-1,2-Dichlorobenzene | 61.2% | d5-Nitrobenzene   | 50.4% |
| 2,4,6-Tribromophenol   | 66.9% | d14-p-Terphenyl   | 65.6% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC27-2-4.5

Page 1 of 1

REEXTRACT

Lab Sample ID: JB46Z

QC Report No: JB46-Windward Environmental, LLC

LIMS ID: 06-2941

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/14/06

Reported: 06/02/06

Date Received: 02/14/06

Date Extracted: 05/19/06

Sample Amount: 5.74 g-dry-wt

Date Analyzed: 05/26/06 03:34

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 39.8%

Silica Gel Cleanup: No

pH: 8.0

| CAS Number | Analyte            | RL | Result |
|------------|--------------------|----|--------|
| 105-67-9   | 2,4-Dimethylphenol | 17 | < 17 U |

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

**SIM Semivolatile Surrogate Recovery**

d5-Phenol 56.0%

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC28-0-1

Page 1 of 1

**SAMPLE**

Lab Sample ID: JC48A

QC Report No: JC48-Windward Environmental, LLC

LIMS ID: 06-3863

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/25/06

Reported: 03/31/06

Date Received: 02/27/06

Date Extracted: 03/14/06

Sample Amount: 50.2 g-dry-wt

Date Analyzed: 03/30/06 16:54

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 49.3%

Silica Gel Cleanup: No

pH: 7.1

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 6.0 | 3.6 J   |
| 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 |
| 65-85-0    | Benzoic Acid               | 60  | 200     |
| 85-68-7    | Butylbenzylphthalate       | 6.0 | 34      |
| 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     | 35  | < 35 Y  |
| 100-51-6   | Benzyl Alcohol             | 30  | 110     |
| 87-86-5    | Pentachlorophenol          | 30  | 32      |
| 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       | 38.3% | d5-Phenol         | 60.6% |
| 2-Fluorophenol         | 69.1% | d4-2-Chlorophenol | 68.6% |
| d4-1,2-Dichlorobenzene | 55.9% | d5-Nitrobenzene   | 55.9% |
| 2,4,6-Tribromophenol   | 50.3% | d14-p-Terphenyl   | 49.9% |

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC28-1-2**

Page 1 of 1

**SAMPLE**

Lab Sample ID: JC48B

QC Report No: JC48-Windward Environmental, LLC

LIMS ID: 06-3864

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/25/06

Reported: 03/31/06

Date Received: 02/27/06

Date Extracted: 03/14/06

Sample Amount: 50.4 g-dry-wt

Date Analyzed: 03/29/06 19:45

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/VTS

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 48.1%

Silica Gel Cleanup: No

pH: 6.4

| CAS Number | Analyte                     | RL         | Result    |
|------------|-----------------------------|------------|-----------|
| 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   |
| 65-85-0    | <b>Benzoic Acid</b>         | <b>60</b>  | <b>98</b> |
| 85-68-7    | <b>Butylbenzylphthalate</b> | <b>6.0</b> | <b>27</b> |
| 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      | 22         | < 22 Y    |
| 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       | 131%  | d5-Phenol         | 59.3% |
| 2-Fluorophenol         | 75.5% | d4-2-Chlorophenol | 71.8% |
| d4-1,2-Dichlorobenzene | 55.6% | d5-Nitrobenzene   | 40.1% |
| 2,4,6-Tribromophenol   | 146%  | d14-p-Terphenyl   | 38.9% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC28-2-4

Page 1 of 1

SAMPLE

Lab Sample ID: JC48C

QC Report No: JC48-Windward Environmental, LLC

LIMS ID: 06-3865

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/25/06

Reported: 03/31/06

Date Received: 02/27/06

Date Extracted: 03/14/06

Sample Amount: 50.3 g-dry-wt

Date Analyzed: 03/29/06 21:24

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/VTS

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 50.2%

Silica Gel Cleanup: No

pH: 7.4

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 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 |
| 65-85-0    | Benzoic Acid               | 60  | 85      |
| 85-68-7    | Butylbenzylphthalate       | 6.0 | 26      |
| 95-48-7    | 2-Methylphenol             | 6.0 | 4.2 J   |
| 105-67-9   | 2,4-Dimethylphenol         | 6.0 | < 6.0 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 23  | < 23 Y  |
| 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       | 138%  | d5-Phenol         | 57.7% |
| 2-Fluorophenol         | 59.5% | d4-2-Chlorophenol | 66.0% |
| d4-1,2-Dichlorobenzene | 49.8% | d5-Nitrobenzene   | 33.5% |
| 2,4,6-Tribromophenol   | 150%  | d14-p-Terphenyl   | 35.6% |



**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC28-5.5-7.5

Page 1 of 1

SAMPLE

Lab Sample ID: JH57E


QC Report No: JH57-Windward Environmental, LLC

LIMS ID: 06-7246

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: 

Date Sampled: 02/25/06

Reported: 05/23/06

Date Received: 02/27/06

Date Extracted: 05/10/06

Sample Amount: 30.5 g-dry-wt

Date Analyzed: 05/18/06 12:21

Final Extract Volume: 2.0 mL

Instrument/Analyst: /PK

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 37.2%

Silica Gel Cleanup: No

pH: 8.3

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.6 | 200     |
| 106-46-7   | 1,4-Dichlorobenzene        | 6.6 | 24      |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 6.6 | 11      |
| 118-74-1   | Hexachlorobenzene          | 6.6 | < 6.6 U |
| 87-68-3    | Hexachlorobutadiene        | 6.6 | < 6.6 U |
| 131-11-3   | Dimethylphthalate          | 6.6 | 16      |
| 85-68-7    | Butylbenzylphthalate       | 6.6 | 28      |
| 95-48-7    | 2-Methylphenol             | 6.6 | 6.6     |
| 105-67-9   | 2,4-Dimethylphenol         | 6.6 | 8.5     |
| 86-30-6    | N-Nitrosodiphenylamine     | 300 | < 300 Y |
| 100-51-6   | Benzyl Alcohol             | 33  | < 33 U  |
| 87-86-5    | Pentachlorophenol          | 33  | 410     |
| 95-50-1    | 1,2-Dichlorobenzene        | 6.6 | 160     |
| 541-73-1   | 1,3-Dichlorobenzene        | 6.6 | 7.2     |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 33  | < 33 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 33  | < 33 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 89.2% | d5-Phenol         | 73.9% |
| 2-Fluorophenol         | 68.5% | d4-2-Chlorophenol | 64.0% |
| d4-1,2-Dichlorobenzene | 66.0% | d5-Nitrobenzene   | 87.6% |
| 2,4,6-Tribromophenol   | 78.1% | d14-p-Terphenyl   | 54.8% |

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC28-12-12.6**

Page 1 of 1

**SAMPLE**

Lab Sample ID: JO76N

QC Report No: JO76-Windward Environmental, LLC

LIMS ID: 06-11862

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *AB*

Date Sampled: 02/25/06

Reported: 07/27/06

Date Received: 02/27/06

Date Extracted: 07/22/06

Sample Amount: 32.6 g-dry-wt

Date Analyzed: 07/26/06 15:45

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT2/PK

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 35.1%

Silica Gel Cleanup: No

pH: 8.6

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.1 | 43      |
| 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 |
| 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 | 4.3 J   |
| 86-30-6    | N-Nitrosodiphenylamine     | 30  | < 30 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 | 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       | 60.8% | d5-Phenol         | 70.4% |
| 2-Fluorophenol         | 66.7% | d4-2-Chlorophenol | 63.5% |
| d4-1,2-Dichlorobenzene | 66.4% | d5-Nitrobenzene   | 109%  |
| 2,4,6-Tribromophenol   | 104%  | d14-p-Terphenyl   | 72.8% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC29-0-1  
SAMPLE

Lab Sample ID: JC95G  
LIMS ID: 06-4146  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/31/06

QC Report No: JC95-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/21/06  
Date Received: 02/21/06

Date Extracted: 03/07/06  
Date Analyzed: 03/30/06 21:21  
Instrument/Analyst: NT2/VTS  
GPC Cleanup: No  
Silica Gel Cleanup: No

Sample Amount: 25.6 g-dry-wt  
Final Extract Volume: 0.5 mL  
Dilution Factor: 3.00  
Percent Moisture: 26.8%  
pH: 7.3

| CAS Number      | Analyte                     | RL         | Result     |
|-----------------|-----------------------------|------------|------------|
| 106-46-7        | 1,4-Dichlorobenzene         | 5.9        | < 5.9 U    |
| 120-82-1        | 1,2,4-Trichlorobenzene      | 5.9        | < 5.9 U    |
| <b>118-74-1</b> | <b>Hexachlorobenzene</b>    | <b>5.9</b> | <b>5.9</b> |
| 87-68-3         | Hexachlorobutadiene         | 5.9        | < 5.9 U    |
| <b>65-85-0</b>  | <b>Benzoic Acid</b>         | <b>59</b>  | <b>73</b>  |
| <b>85-68-7</b>  | <b>Butylbenzylphthalate</b> | <b>5.9</b> | <b>5.9</b> |
| 95-48-7         | 2-Methylphenol              | 5.9        | < 5.9 U    |
| 105-67-9        | 2,4-Dimethylphenol          | 5.9        | < 5.9 U    |
| 86-30-6         | N-Nitrosodiphenylamine      | 15         | < 15 Y     |
| 100-51-6        | Benzyl Alcohol              | 29         | < 29 U     |
| 87-86-5         | Pentachlorophenol           | 29         | < 29 U     |
| 95-50-1         | 1,2-Dichlorobenzene         | 5.9        | < 5.9 U    |
| 621-64-7        | N-Nitroso-Di-N-Propylamine  | 29         | < 29 U     |
| 62-75-9         | N-Nitrosodimethylamine      | 29         | < 29 U     |

Reported in µg/kg (ppb)


**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 36.6% | d5-Phenol         | 64.9% |
| 2-Fluorophenol         | 60.5% | d4-2-Chlorophenol | 54.3% |
| d4-1,2-Dichlorobenzene | 54.2% | d5-Nitrobenzene   | 52.3% |
| 2,4,6-Tribromophenol   | 48.7% | d14-p-Terphenyl   | 55.3% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC29-1-2  
SAMPLE

Lab Sample ID: JC95H  
LIMS ID: 06-4147  
Matrix: Sediment  
Data Release Authorized:   
Reported: 03/31/06

QC Report No: JC95-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/21/06  
Date Received: 02/21/06

Date Extracted: 03/07/06  
Date Analyzed: 03/30/06 21:55  
Instrument/Analyst: NT2/VTS  
GPC Cleanup: No  
Silica Gel Cleanup: No

Sample Amount: 25.6 g-dry-wt  
Final Extract Volume: 0.5 mL  
Dilution Factor: 3.00  
Percent Moisture: 22.3%  
pH: 7.5

| CAS Number     | Analyte                    | RL        | Result    |
|----------------|----------------------------|-----------|-----------|
| 106-46-7       | 1,4-Dichlorobenzene        | 5.9       | < 5.9 U   |
| 120-82-1       | 1,2,4-Trichlorobenzene     | 5.9       | < 5.9 U   |
| 118-74-1       | Hexachlorobenzene          | 5.9       | < 5.9 U   |
| 87-68-3        | Hexachlorobutadiene        | 5.9       | < 5.9 U   |
| <b>65-85-0</b> | <b>Benzoic Acid</b>        | <b>59</b> | <b>64</b> |
| 85-68-7        | Butylbenzylphthalate       | 5.9       | < 5.9 U   |
| 95-48-7        | 2-Methylphenol             | 5.9       | < 5.9 U   |
| 105-67-9       | 2,4-Dimethylphenol         | 5.9       | < 5.9 U   |
| 86-30-6        | N-Nitrosodiphenylamine     | 15        | < 15 Y    |
| 100-51-6       | Benzyl Alcohol             | 29        | < 29 U    |
| 87-86-5        | Pentachlorophenol          | 29        | < 29 U    |
| 95-50-1        | 1,2-Dichlorobenzene        | 5.9       | < 5.9 U   |
| 621-64-7       | N-Nitroso-Di-N-Propylamine | 29        | < 29 U    |
| 62-75-9        | N-Nitrosodimethylamine     | 29        | < 29 U    |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 37.6% | d5-Phenol         | 64.2% |
| 2-Fluorophenol         | 55.2% | d4-2-Chlorophenol | 57.4% |
| d4-1,2-Dichlorobenzene | 56.2% | d5-Nitrobenzene   | 55.1% |
| 2,4,6-Tribromophenol   | 38.1% | d14-p-Terphenyl   | 55.8% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC29-2-3.6

Page 1 of 1

SAMPLE

Lab Sample ID: JC95I


QC Report No: JC95-Windward Environmental, LLC

LIMS ID: 06-4148

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: 

Date Sampled: 02/21/06

Reported: 03/31/06

Date Received: 02/21/06

Date Extracted: 03/07/06

Sample Amount: 25.7 g-dry-wt

Date Analyzed: 03/30/06 22:28

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 19.8%

Silica Gel Cleanup: No

pH: 7.3

| CAS Number     | Analyte                    | RL        | Result    |
|----------------|----------------------------|-----------|-----------|
| 106-46-7       | 1,4-Dichlorobenzene        | 5.8       | < 5.8 U   |
| 120-82-1       | 1,2,4-Trichlorobenzene     | 5.8       | < 5.8 U   |
| 118-74-1       | Hexachlorobenzene          | 5.8       | < 5.8 U   |
| 87-68-3        | Hexachlorobutadiene        | 5.8       | < 5.8 U   |
| <b>65-85-0</b> | <b>Benzoic Acid</b>        | <b>58</b> | <b>68</b> |
| 85-68-7        | Butylbenzylphthalate       | 5.8       | < 5.8 U   |
| 95-48-7        | 2-Methylphenol             | 5.8       | < 5.8 U   |
| 105-67-9       | 2,4-Dimethylphenol         | 5.8       | < 5.8 U   |
| 86-30-6        | N-Nitrosodiphenylamine     | 5.8       | < 5.8 U   |
| 100-51-6       | Benzyl Alcohol             | 29        | < 29 U    |
| 87-86-5        | Pentachlorophenol          | 29        | < 29 U    |
| 95-50-1        | 1,2-Dichlorobenzene        | 5.8       | < 5.8 U   |
| 621-64-7       | N-Nitroso-Di-N-Propylamine | 29        | < 29 U    |
| 62-75-9        | N-Nitrosodimethylamine     | 29        | < 29 U    |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 40.7% | d5-Phenol         | 72.2% |
| 2-Fluorophenol         | 75.9% | d4-2-Chlorophenol | 65.8% |
| d4-1,2-Dichlorobenzene | 61.6% | d5-Nitrobenzene   | 61.7% |
| 2,4,6-Tribromophenol   | 40.1% | d14-p-Terphenyl   | 75.6% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC30-0-2.5

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB47J

QC Report No: JB47-Windward Environmental, LLC

LIMS ID: 06-2957

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/14/06

Reported: 03/14/06

Date Received: 02/14/06

Date Extracted: 02/21/06

Sample Amount: 25.8 g-dry-wt

Date Analyzed: 02/24/06 13:40

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 22.2%

Silica Gel Cleanup: No

pH: 7.0

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.8 | < 5.8 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.8 | < 5.8 U |
| 118-74-1   | Hexachlorobenzene          | 5.8 | < 5.8 U |
| 87-68-3    | Hexachlorobutadiene        | 5.8 | < 5.8 U |
| 65-85-0    | Benzoic Acid               | 58  | < 58 U  |
| 85-68-7    | Butylbenzylphthalate       | 5.8 | < 5.8 U |
| 95-48-7    | 2-Methylphenol             | 5.8 | < 5.8 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.8 | < 5.8 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 5.8 | < 5.8 U |
| 100-51-6   | Benzyl Alcohol             | 29  | < 29 U  |
| 87-86-5    | Pentachlorophenol          | 29  | < 29 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.8 | < 5.8 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 29  | < 29 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 29  | < 29 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 62.3% | d5-Phenol         | 72.6% |
| 2-Fluorophenol         | 74.1% | d4-2-Chlorophenol | 68.5% |
| d4-1,2-Dichlorobenzene | 65.8% | d5-Nitrobenzene   | 70.4% |
| 2,4,6-Tribromophenol   | 92.8% | d14-p-Terphenyl   | 74.0% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Page 1 of 1


Sample ID: LDW-SC30-2.5-4

**SAMPLE**

Lab Sample ID: JB47K

LIMS ID: 06-2958

Matrix: Sediment

Data Release Authorized: 

Reported: 03/14/06

QC Report No: JB47-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

Event: 05-08-06-32

Date Sampled: 02/14/06

Date Received: 02/14/06

Date Extracted: 02/21/06

Date Analyzed: 02/24/06 14:12

Instrument/Analyst: NT6/PK

GPC Cleanup: No

Silica Gel Cleanup: No

Sample Amount: 25.7 g-dry-wt

Final Extract Volume: 0.5 mL

Dilution Factor: 3.00

Percent Moisture: 26.7%

pH: 7.7

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.8 | < 5.8 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.8 | < 5.8 U |
| 118-74-1   | Hexachlorobenzene          | 5.8 | < 5.8 U |
| 87-68-3    | Hexachlorobutadiene        | 5.8 | < 5.8 U |
| 65-85-0    | Benzoic Acid               | 58  | < 58 U  |
| 85-68-7    | Butylbenzylphthalate       | 5.8 | < 5.8 U |
| 95-48-7    | 2-Methylphenol             | 5.8 | < 5.8 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.8 | < 5.8 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 5.8 | < 5.8 U |
| 100-51-6   | Benzyl Alcohol             | 29  | < 29 U  |
| 87-86-5    | Pentachlorophenol          | 29  | < 29 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.8 | < 5.8 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 29  | < 29 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 29  | < 29 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 46.8% | d5-Phenol         | 50.1% |
| 2-Fluorophenol         | 55.1% | d4-2-Chlorophenol | 51.4% |
| d4-1,2-Dichlorobenzene | 48.7% | d5-Nitrobenzene   | 43.2% |
| 2,4,6-Tribromophenol   | 69.1% | d14-p-Terphenyl   | 56.6% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC31-0-1

Page 1 of 1

SAMPLE

Lab Sample ID: JB98M

QC Report No: JB98-Windward Environmental, LLC

LIMS ID: 06-3377

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *OB*

Date Sampled: 02/17/06

Reported: 03/23/06

Date Received: 02/17/06

Date Extracted: 03/02/06

Sample Amount: 25.5 g-dry-wt

Date Analyzed: 03/17/06 20:27

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 56.2%

Silica Gel Cleanup: No

pH: 6.8

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | 3.5 J   |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | < 5.9 U |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | 170     |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | 38      |
| 95-48-7    | 2-Methylphenol             | 5.9 | < 5.9 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 27  | < 27 Y  |
| 100-51-6   | Benzyl Alcohol             | 29  | < 29 U  |
| 87-86-5    | Pentachlorophenol          | 29  | < 29 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | < 5.9 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 29  | < 29 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 29  | < 29 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 64.1% | d5-Phenol         | 64.5% |
| 2-Fluorophenol         | 62.7% | d4-2-Chlorophenol | 64.4% |
| d4-1,2-Dichlorobenzene | 53.8% | d5-Nitrobenzene   | 82.2% |
| 2,4,6-Tribromophenol   | 74.5% | d14-p-Terphenyl   | 53.0% |



**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC31-1-2.8**

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB98N

QC Report No: JB98-Windward Environmental, LLC

LIMS ID: 06-3378

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/17/06

Reported: 03/23/06

Date Received: 02/17/06

Date Extracted: 03/02/06

Sample Amount: 25.6 g-dry-wt

Date Analyzed: 03/17/06 21:00

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 49.4%

Silica Gel Cleanup: No

pH: 7.3

| CAS Number | Analyte                     | RL         | Result     |
|------------|-----------------------------|------------|------------|
| 106-46-7   | 1,4-Dichlorobenzene         | 5.9        | < 5.9 U    |
| 120-82-1   | 1,2,4-Trichlorobenzene      | 5.9        | < 5.9 U    |
| 118-74-1   | Hexachlorobenzene           | 5.9        | < 5.9 U    |
| 87-68-3    | Hexachlorobutadiene         | 5.9        | < 5.9 U    |
| 65-85-0    | <b>Benzoic Acid</b>         | <b>59</b>  | <b>120</b> |
| 85-68-7    | <b>Butylbenzylphthalate</b> | <b>5.9</b> | <b>21</b>  |
| 95-48-7    | 2-Methylphenol              | 5.9        | < 5.9 U    |
| 105-67-9   | 2,4-Dimethylphenol          | 5.9        | < 5.9 U    |
| 86-30-6    | N-Nitrosodiphenylamine      | 22         | < 22 Y     |
| 100-51-6   | Benzyl Alcohol              | 29         | < 29 U     |
| 87-86-5    | Pentachlorophenol           | 29         | < 29 U     |
| 95-50-1    | 1,2-Dichlorobenzene         | 5.9        | < 5.9 U    |
| 621-64-7   | N-Nitroso-Di-N-Propylamine  | 29         | < 29 U     |
| 62-75-9    | N-Nitrosodimethylamine      | 29         | < 29 U     |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 54.2% | d5-Phenol         | 61.0% |
| 2-Fluorophenol         | 64.0% | d4-2-Chlorophenol | 57.9% |
| d4-1,2-Dichlorobenzene | 49.1% | d5-Nitrobenzene   | 71.4% |
| 2,4,6-Tribromophenol   | 63.8% | d14-p-Terphenyl   | 45.2% |

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC31-2.8-4**

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB980

QC Report No: JB98-Windward Environmental, LLC

LIMS ID: 06-3379

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *MB*

Date Sampled: 02/17/06

Reported: 03/23/06

Date Received: 02/17/06

Date Extracted: 03/02/06

Sample Amount: 25.7 g-dry-wt

Date Analyzed: 03/17/06 21:33

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 17.5%

Silica Gel Cleanup: No

pH: 7.0

| CAS Number     | Analyte                    | RL        | Result      |
|----------------|----------------------------|-----------|-------------|
| 106-46-7       | 1,4-Dichlorobenzene        | 5.8       | < 5.8 U     |
| 120-82-1       | 1,2,4-Trichlorobenzene     | 5.8       | < 5.8 U     |
| 118-74-1       | Hexachlorobenzene          | 5.8       | < 5.8 U     |
| 87-68-3        | Hexachlorobutadiene        | 5.8       | < 5.8 U     |
| <b>65-85-0</b> | <b>Benzoic Acid</b>        | <b>58</b> | <b>57 J</b> |
| 85-68-7        | Butylbenzylphthalate       | 5.8       | < 5.8 U     |
| 95-48-7        | 2-Methylphenol             | 5.8       | < 5.8 U     |
| 105-67-9       | 2,4-Dimethylphenol         | 5.8       | < 5.8 U     |
| 86-30-6        | N-Nitrosodiphenylamine     | 5.8       | < 5.8 U     |
| 100-51-6       | Benzyl Alcohol             | 29        | < 29 U      |
| 87-86-5        | Pentachlorophenol          | 29        | < 29 U      |
| 95-50-1        | 1,2-Dichlorobenzene        | 5.8       | < 5.8 U     |
| 621-64-7       | N-Nitroso-Di-N-Propylamine | 29        | < 29 U      |
| 62-75-9        | N-Nitrosodimethylamine     | 29        | < 29 U      |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 73.8% | d5-Phenol         | 62.2% |
| 2-Fluorophenol         | 72.8% | d4-2-Chlorophenol | 64.6% |
| d4-1,2-Dichlorobenzene | 59.8% | d5-Nitrobenzene   | 85.2% |
| 2,4,6-Tribromophenol   | 87.2% | d14-p-Terphenyl   | 53.8% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC32-0-1

Page 1 of 1

SAMPLE

Lab Sample ID: JB31A


QC Report No: JB31-Windward Environmental, LLC

LIMS ID: 06-2825

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: 

Date Sampled: 02/11/06

Reported: 03/20/06

Date Received: 02/13/06

Date Extracted: 02/24/06

Sample Amount: 25.8 g-dry-wt

Date Analyzed: 03/17/06 14:49

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 45.9%

Silica Gel Cleanup: No

pH: 7.1

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.8 | < 5.8 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.8 | < 5.8 U |
| 118-74-1   | Hexachlorobenzene          | 5.8 | < 5.8 U |
| 87-68-3    | Hexachlorobutadiene        | 5.8 | < 5.8 U |
| 65-85-0    | Benzoic Acid               | 58  | 160     |
| 85-68-7    | Butylbenzylphthalate       | 5.8 | 32      |
| 95-48-7    | 2-Methylphenol             | 5.8 | < 5.8 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.8 | < 5.8 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 33  | < 33 Y  |
| 100-51-6   | Benzyl Alcohol             | 29  | < 29 U  |
| 87-86-5    | Pentachlorophenol          | 29  | < 29 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.8 | < 5.8 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 29  | < 29 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 29  | < 29 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 72.7% | d5-Phenol         | 89.6% |
| 2-Fluorophenol         | 65.8% | d4-2-Chlorophenol | 82.4% |
| d4-1,2-Dichlorobenzene | 62.9% | d5-Nitrobenzene   | 87.8% |
| 2,4,6-Tribromophenol   | 84.8% | d14-p-Terphenyl   | 71.0% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC32-1-2

Page 1 of 1

SAMPLE

Lab Sample ID: JB31B

QC Report No: JB31-Windward Environmental, LLC

LIMS ID: 06-2826

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *AB*

Date Sampled: 02/11/06

Reported: 03/15/06

Date Received: 02/13/06

Date Extracted: 02/24/06

Sample Amount: 25.3 g-dry-wt

Date Analyzed: 03/08/06 18:10

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 63.3%

Silica Gel Cleanup: No

pH: 8.1

| CAS Number      | Analyte                           | RL         | Result       |
|-----------------|-----------------------------------|------------|--------------|
| 106-46-7        | 1,4-Dichlorobenzene               | 5.9        | < 5.9 U      |
| <b>120-82-1</b> | <b>1,2,4-Trichlorobenzene</b>     | <b>5.9</b> | <b>4.2 J</b> |
| 118-74-1        | Hexachlorobenzene                 | 5.9        | < 5.9 U      |
| 87-68-3         | Hexachlorobutadiene               | 5.9        | < 5.9 U      |
| 65-85-0         | Benzoic Acid                      | 59         | < 59 U       |
| <b>85-68-7</b>  | <b>Butylbenzylphthalate</b>       | <b>5.9</b> | <b>44</b>    |
| 95-48-7         | 2-Methylphenol                    | 5.9        | < 5.9 U      |
| 105-67-9        | 2,4-Dimethylphenol                | 5.9        | < 5.9 U      |
| 86-30-6         | N-Nitrosodiphenylamine            | 120        | < 120 Y      |
| 100-51-6        | Benzyl Alcohol                    | 30         | < 30 U       |
| <b>87-86-5</b>  | <b>Pentachlorophenol</b>          | <b>30</b>  | <b>20 J</b>  |
| 95-50-1         | 1,2-Dichlorobenzene               | 5.9        | < 5.9 U      |
| <b>621-64-7</b> | <b>N-Nitroso-Di-N-Propylamine</b> | <b>30</b>  | <b>70</b>    |
| 62-75-9         | N-Nitrosodimethylamine            | 30         | < 30 U       |

Reported in µg/kg (ppb)

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 47.4% | d5-Phenol         | 72.4% |
| 2-Fluorophenol         | 66.7% | d4-2-Chlorophenol | 66.2% |
| d4-1,2-Dichlorobenzene | 55.9% | d5-Nitrobenzene   | 56.4% |
| 2,4,6-Tribromophenol   | 57.4% | d14-p-Terphenyl   | 56.5% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC32-2-4

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB31C

QC Report No: JB31-Windward Environmental, LLC

LIMS ID: 06-2827

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *AS*

Date Sampled: 02/11/06

Reported: 03/15/06

Date Received: 02/13/06

Date Extracted: 02/24/06

Sample Amount: 25.4 g-dry-wt

Date Analyzed: 03/08/06 18:44

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 54.3%

Silica Gel Cleanup: No

pH: 7.8

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | < 5.9 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | 4.1 J   |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | < 59 U  |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | 45      |
| 95-48-7    | 2-Methylphenol             | 5.9 | < 5.9 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | 11      |
| 86-30-6    | N-Nitrosodiphenylamine     | 100 | < 100 Y |
| 100-51-6   | Benzyl Alcohol             | 30  | < 30 U  |
| 87-86-5    | Pentachlorophenol          | 30  | < 30 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | < 5.9 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 30  | 41      |
| 62-75-9    | N-Nitrosodimethylamine     | 30  | < 30 U  |

Reported in µg/kg (ppb)

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 53.8% | d5-Phenol         | 71.5% |
| 2-Fluorophenol         | 63.4% | d4-2-Chlorophenol | 65.9% |
| d4-1,2-Dichlorobenzene | 50.2% | d5-Nitrobenzene   | 54.4% |
| 2,4,6-Tribromophenol   | 68.7% | d14-p-Terphenyl   | 58.7% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC32-5.2-8

Page 1 of 1

SAMPLE

Lab Sample ID: JH57X

QC Report No: JH57-Windward Environmental, LLC

LIMS ID: 06-7265

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/11/06

Reported: 05/23/06

Date Received: 02/13/06

Date Extracted: 05/10/06

Sample Amount: 30.2 g-dry-wt

Date Analyzed: 05/18/06 11:47

Final Extract Volume: 2.0 mL

Instrument/Analyst: J/PK

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 24.9%

Silica Gel Cleanup: No

pH: 8.1

| CAS Number     | Analyte                    | RL        | Result      |
|----------------|----------------------------|-----------|-------------|
| 53-70-3        | Dibenz(a,h)anthracene      | 6.6       | < 6.6 U     |
| 106-46-7       | 1,4-Dichlorobenzene        | 6.6       | < 6.6 U     |
| 120-82-1       | 1,2,4-Trichlorobenzene     | 6.6       | < 6.6 U     |
| 118-74-1       | Hexachlorobenzene          | 6.6       | < 6.6 U     |
| 87-68-3        | Hexachlorobutadiene        | 6.6       | < 6.6 U     |
| 131-11-3       | Dimethylphthalate          | 6.6       | < 6.6 U     |
| 85-68-7        | Butylbenzylphthalate       | 6.6       | < 6.6 U     |
| 95-48-7        | 2-Methylphenol             | 6.6       | < 6.6 U     |
| 105-67-9       | 2,4-Dimethylphenol         | 6.6       | < 6.6 U     |
| 86-30-6        | N-Nitrosodiphenylamine     | 6.6       | < 6.6 U     |
| 100-51-6       | Benzyl Alcohol             | 33        | < 33 U      |
| <b>87-86-5</b> | <b>Pentachlorophenol</b>   | <b>33</b> | <b>25 J</b> |
| 95-50-1        | 1,2-Dichlorobenzene        | 6.6       | < 6.6 U     |
| 541-73-1       | 1,3-Dichlorobenzene        | 6.6       | < 6.6 U     |
| 621-64-7       | N-Nitroso-Di-N-Propylamine | 33        | < 33 U      |
| 62-75-9        | N-Nitrosodimethylamine     | 33        | < 33 U      |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 75.6% | d5-Phenol         | 73.9% |
| 2-Fluorophenol         | 88.8% | d4-2-Chlorophenol | 73.1% |
| d4-1,2-Dichlorobenzene | 75.6% | d5-Nitrobenzene   | 88.8% |
| 2,4,6-Tribromophenol   | 76.5% | d14-p-Terphenyl   | 92.4% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC33-0-2

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB22A

QC Report No: JB22-Windward Environmental, LLC

LIMS ID: 06-2641

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *MW*

Date Sampled: 02/11/06

Reported: 03/27/06

Date Received: 02/11/06

Date Extracted: 02/21/06

Sample Amount: 50.7 g-dry-wt

Date Analyzed: 03/23/06 14:58

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 43.5%

Silica Gel Cleanup: No

pH: 7.5

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | < 5.9 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | 6.5     |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | 230 B   |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | 11      |
| 95-48-7    | 2-Methylphenol             | 5.9 | < 5.9 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 870 | < 870 Y |
| 100-51-6   | Benzyl Alcohol             | 30  | < 30 U  |
| 87-86-5    | Pentachlorophenol          | 30  | 820 E   |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | < 5.9 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       | 33.6% | d5-Phenol         | 50.3% |
| 2-Fluorophenol         | 43.0% | d4-2-Chlorophenol | 52.6% |
| d4-1,2-Dichlorobenzene | 43.4% | d5-Nitrobenzene   | 66.5% |
| 2,4,6-Tribromophenol   | 25.9% | d14-p-Terphenyl   | 53.3% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC33-0-2

Page 1 of 1

DILUTION

Lab Sample ID: JB22A

QC Report No: JB22-Windward Environmental, LLC

LIMS ID: 06-2641

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *YWW*

Date Sampled: 02/11/06

Reported: 03/27/06

Date Received: 02/11/06

Date Extracted: 02/21/06

Sample Amount: 50.7 g-dry-wt

Date Analyzed: 03/24/06 15:30

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 10.0

GPC Cleanup: Yes

Percent Moisture: 43.5%

Silica Gel Cleanup: No

pH: 7.5

| CAS Number     | Analyte                    | RL         | Result       |
|----------------|----------------------------|------------|--------------|
| 106-46-7       | 1,4-Dichlorobenzene        | 20         | < 20 U       |
| 120-82-1       | 1,2,4-Trichlorobenzene     | 20         | < 20 U       |
| 118-74-1       | Hexachlorobenzene          | 20         | < 20 U       |
| 87-68-3        | Hexachlorobutadiene        | 20         | < 20 U       |
| <b>65-85-0</b> | <b>Benzoic Acid</b>        | <b>200</b> | <b>310 B</b> |
| 85-68-7        | Butylbenzylphthalate       | 20         | < 20 U       |
| 95-48-7        | 2-Methylphenol             | 20         | < 20 U       |
| 105-67-9       | 2,4-Dimethylphenol         | 20         | < 20 U       |
| 86-30-6        | N-Nitrosodiphenylamine     | 890        | < 890 Y      |
| 100-51-6       | Benzyl Alcohol             | 99         | < 99 U       |
| <b>87-86-5</b> | <b>Pentachlorophenol</b>   | <b>99</b>  | <b>730</b>   |
| 95-50-1        | 1,2-Dichlorobenzene        | 20         | < 20 U       |
| 621-64-7       | N-Nitroso-Di-N-Propylamine | 99         | < 99 U       |
| 62-75-9        | N-Nitrosodimethylamine     | 99         | < 99 U       |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 47.6% | d5-Phenol         | 58.7% |
| 2-Fluorophenol         | 48.0% | d4-2-Chlorophenol | 52.3% |
| d4-1,2-Dichlorobenzene | 46.0% | d5-Nitrobenzene   | 44.4% |
| 2,4,6-Tribromophenol   | 33.3% | d14-p-Terphenyl   | 48.0% |



**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC33-0-2  
REEXTRACT

Lab Sample ID: JB22A  
LIMS ID: 06-2641  
Matrix: Sediment  
Data Release Authorized:  
Reported: 06/02/06

QC Report No: JB22-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/11/06  
Date Received: 02/11/06

Date Extracted: 05/19/06  
Date Analyzed: 05/25/06 21:07  
Instrument/Analyst: NT6/LJR  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 5.67 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 1.00  
Percent Moisture: 43.5%  
pH: 7.5

| CAS Number | Analyte            | RL | Result |
|------------|--------------------|----|--------|
| 105-67-9   | 2,4-Dimethylphenol | 18 | < 18 U |

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

**SIM Semivolatile Surrogate Recovery**

d5-Phenol 69.6%

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC33-2-4  
SAMPLE

Lab Sample ID: JB22B  
LIMS ID: 06-2642  
Matrix: Sediment  
Data Release Authorized: *WWW*  
Reported: 03/27/06

QC Report No: JB22-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/11/06  
Date Received: 02/11/06

Date Extracted: 02/21/06  
Date Analyzed: 03/23/06 15:31  
Instrument/Analyst: NT2/VTS  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 50.6 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 3.00  
Percent Moisture: 38.3%  
pH: 7.9

| CAS Number | Analyte                    | RL        | Result       |
|------------|----------------------------|-----------|--------------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9       | < 5.9 U      |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9       | < 5.9 U      |
| 118-74-1   | Hexachlorobenzene          | 5.9       | < 5.9 U      |
| 87-68-3    | Hexachlorobutadiene        | 5.9       | < 5.9 U      |
| 65-85-0    | <b>Benzoic Acid</b>        | <b>59</b> | <b>170 B</b> |
| 85-68-7    | Butylbenzylphthalate       | 5.9       | < 5.9 U      |
| 95-48-7    | 2-Methylphenol             | 5.9       | < 5.9 U      |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9       | < 5.9 U      |
| 86-30-6    | N-Nitrosodiphenylamine     | 100       | < 100 Y      |
| 100-51-6   | Benzyl Alcohol             | 30        | < 30 U       |
| 87-86-5    | Pentachlorophenol          | 30        | < 30 U       |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9       | < 5.9 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       | 39.7% | d5-Phenol         | 46.3% |
| 2-Fluorophenol         | 44.2% | d4-2-Chlorophenol | 53.1% |
| d4-1,2-Dichlorobenzene | 44.0% | d5-Nitrobenzene   | 61.2% |
| 2,4,6-Tribromophenol   | 45.4% | d14-p-Terphenyl   | 36.2% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC33-2-4  
REEXTRACT

Lab Sample ID: JB22B  
LIMS ID: 06-2642  
Matrix: Sediment  
Data Release Authorized:  
Reported: 06/02/06

QC Report No: JB22-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/11/06  
Date Received: 02/11/06

Date Extracted: 05/19/06  
Date Analyzed: 05/25/06 21:40  
Instrument/Analyst: NT6/LJR  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 5.58 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 1.00  
Percent Moisture: 38.3%  
pH: 7.9

| CAS Number | Analyte            | RL | Result |
|------------|--------------------|----|--------|
| 105-67-9   | 2,4-Dimethylphenol | 18 | < 18 U |

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

**SIM Semivolatile Surrogate Recovery**

d5-Phenol 65.9%

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC201-0-1.5

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB22S

QC Report No: JB22-Windward Environmental, LLC

LIMS ID: 06-2659

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *WVW*

Date Sampled: 02/11/06

Reported: 03/27/06

Date Received: 02/11/06

Date Extracted: 02/21/06

Sample Amount: 50.3 g-dry-wt

Date Analyzed: 03/23/06 16:05

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 42.3%

Silica Gel Cleanup: No

pH: 7.5

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 6.0 | < 6.0 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 6.0 | 6.0     |
| 118-74-1   | Hexachlorobenzene          | 6.0 | < 6.0 U |
| 87-68-3    | Hexachlorobutadiene        | 6.0 | < 6.0 U |
| 65-85-0    | Benzoic Acid               | 60  | 170 B   |
| 85-68-7    | Butylbenzylphthalate       | 6.0 | 29      |
| 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     | 29  | < 29 Y  |
| 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       | 42.0% | d5-Phenol         | 45.1% |
| 2-Fluorophenol         | 43.4% | d4-2-Chlorophenol | 51.7% |
| d4-1,2-Dichlorobenzene | 41.8% | d5-Nitrobenzene   | 55.1% |
| 2,4,6-Tribromophenol   | 45.3% | d14-p-Terphenyl   | 37.7% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC201-0-1.5  
REEXTRACT

Lab Sample ID: JB22S  
LIMS ID: 06-2659  
Matrix: Sediment  
Data Release Authorized:  
Reported: 06/02/06

QC Report No: JB22-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/11/06  
Date Received: 02/11/06

Date Extracted: 05/19/06  
Date Analyzed: 05/25/06 22:12  
Instrument/Analyst: NT6/LJR  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 5.79 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 1.00  
Percent Moisture: 42.3%  
pH: 7.5

| CAS Number | Analyte            | RL | Result |
|------------|--------------------|----|--------|
| 105-67-9   | 2,4-Dimethylphenol | 17 | < 17 U |

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

**SIM Semivolatile Surrogate Recovery**

d5-Phenol 58.7%

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC201-1.5-4

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB22T  
LIMS ID: 06-2660  
Matrix: Sediment  
Data Release Authorized: *TW*  
Reported: 03/27/06

QC Report No: JB22-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/11/06  
Date Received: 02/11/06

Date Extracted: 02/21/06  
Date Analyzed: 03/23/06 13:18  
Instrument/Analyst: NT2/VTS  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 50.2 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 3.00  
Percent Moisture: 40.4%  
pH: 8.2

| CAS Number | Analyte                    | RL        | Result       |
|------------|----------------------------|-----------|--------------|
| 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      |
| 65-85-0    | <b>Benzoic Acid</b>        | <b>60</b> | <b>160 B</b> |
| 85-68-7    | Butylbenzylphthalate       | 6.0       | < 6.0 U      |
| 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     | 36        | < 36 Y       |
| 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       | 70.9% | d5-Phenol         | 59.8% |
| 2-Fluorophenol         | 55.8% | d4-2-Chlorophenol | 66.7% |
| d4-1,2-Dichlorobenzene | 56.8% | d5-Nitrobenzene   | 66.0% |
| 2,4,6-Tribromophenol   | 70.6% | d14-p-Terphenyl   | 52.0% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC201-1.5-4  
REEXTRACT

Lab Sample ID: JB22T  
LIMS ID: 06-8807  
Matrix: Sediment  
Data Release Authorized: *BS*  
Reported: 06/02/06

QC Report No: JB22-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/11/06  
Date Received: 02/11/06

Date Extracted: 05/19/06  
Date Analyzed: 05/25/06 22:44  
Instrument/Analyst: NT6/LJR  
GPC Cleanup: Yes

Sample Amount: 5.67 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 1.00  
Percent Moisture: 40.4%

| CAS Number | Analyte            | RL | Result |
|------------|--------------------|----|--------|
| 105-67-9   | 2,4-Dimethylphenol | 18 | < 18 U |

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


**SIM Semivolatile Surrogate Recovery**

d5-Phenol 71.5%

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC33-4-6  
SAMPLE

Lab Sample ID: JH57H  
LIMS ID: 06-7249  
Matrix: Sediment  
Data Release Authorized:   
Reported: 05/23/06

QC Report No: JH57-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/11/06  
Date Received: 02/11/06

Date Extracted: 05/10/06  
Date Analyzed: 05/18/06 12:55  
Instrument/Analyst: /PK  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 30.6 g-dry-wt  
Final Extract Volume: 2.0 mL  
Dilution Factor: 1.00  
Percent Moisture: 39.0%  
pH: 7.8

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.5 | 57      |
| 106-46-7   | 1,4-Dichlorobenzene        | 6.5 | 5.9 J   |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 6.5 | < 6.5 U |
| 118-74-1   | Hexachlorobenzene          | 6.5 | < 6.5 U |
| 87-68-3    | Hexachlorobutadiene        | 6.5 | < 6.5 U |
| 131-11-3   | Dimethylphthalate          | 6.5 | < 6.5 U |
| 85-68-7    | Butylbenzylphthalate       | 6.5 | < 6.5 U |
| 95-48-7    | 2-Methylphenol             | 6.5 | < 6.5 U |
| 105-67-9   | 2,4-Dimethylphenol         | 6.5 | < 6.5 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 200 | < 200 Y |
| 100-51-6   | Benzyl Alcohol             | 33  | < 33 U  |
| 87-86-5    | Pentachlorophenol          | 33  | 36      |
| 95-50-1    | 1,2-Dichlorobenzene        | 6.5 | < 6.5 U |
| 541-73-1   | 1,3-Dichlorobenzene        | 6.5 | < 6.5 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 33  | < 33 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 33  | < 33 U  |

Reported in µg/kg (ppb)

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 92.4% | d5-Phenol         | 76.0% |
| 2-Fluorophenol         | 82.9% | d4-2-Chlorophenol | 66.1% |
| d4-1,2-Dichlorobenzene | 64.0% | d5-Nitrobenzene   | 95.6% |
| 2,4,6-Tribromophenol   | 92.8% | d14-p-Terphenyl   | 56.4% |



**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC201-4-6

Page 1 of 1

SAMPLE

Lab Sample ID: JH57I

QC Report No: JH57-Windward Environmental, LLC

LIMS ID: 06-7250

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *AB*

Date Sampled: 02/11/06

Reported: 05/23/06

Date Received: 02/11/06

Date Extracted: 05/10/06

Sample Amount: 30.6 g-dry-wt

Date Analyzed: 05/18/06 13:29

Final Extract Volume: 2.0 mL

Instrument/Analyst: M/PK

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 43.5%

Silica Gel Cleanup: No

pH: 8.1

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.5 | 100     |
| 106-46-7   | 1,4-Dichlorobenzene        | 6.5 | 3.9 J   |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 6.5 | < 6.5 U |
| 118-74-1   | Hexachlorobenzene          | 6.5 | < 6.5 U |
| 87-68-3    | Hexachlorobutadiene        | 6.5 | < 6.5 U |
| 131-11-3   | Dimethylphthalate          | 6.5 | < 6.5 U |
| 85-68-7    | Butylbenzylphthalate       | 6.5 | < 6.5 U |
| 95-48-7    | 2-Methylphenol             | 6.5 | < 6.5 U |
| 105-67-9   | 2,4-Dimethylphenol         | 6.5 | 6.5 M   |
| 86-30-6    | N-Nitrosodiphenylamine     | 190 | < 190 Y |
| 100-51-6   | Benzyl Alcohol             | 33  | < 33 U  |
| 87-86-5    | Pentachlorophenol          | 33  | 36 M    |
| 95-50-1    | 1,2-Dichlorobenzene        | 6.5 | < 6.5 U |
| 541-73-1   | 1,3-Dichlorobenzene        | 6.5 | < 6.5 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 33  | < 33 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 33  | < 33 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 71.6% | d5-Phenol         | 59.7% |
| 2-Fluorophenol         | 62.1% | d4-2-Chlorophenol | 56.8% |
| d4-1,2-Dichlorobenzene | 52.0% | d5-Nitrobenzene   | 76.8% |
| 2,4,6-Tribromophenol   | 73.9% | d14-p-Terphenyl   | 42.8% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC201-8-10

Page 1 of 1

SAMPLE

Lab Sample ID: JO76P


QC Report No: JO76-Windward Environmental, LLC

LIMS ID: 06-11864

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: 

Date Sampled: 02/11/06

Reported: 07/27/06

Date Received: 02/11/06

Date Extracted: 07/22/06

Sample Amount: 32.8 g-dry-wt

Date Analyzed: 07/26/06 17:53

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT2/PK

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 35.1%

Silica Gel Cleanup: No

pH: 8.5

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.1 | 19      |
| 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 |
| 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 | 3.7 J   |
| 86-30-6    | N-Nitrosodiphenylamine     | 37  | < 37 Y  |
| 100-51-6   | Benzyl Alcohol             | 38  | < 38 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       | 51.2% | d5-Phenol         | 55.7% |
| 2-Fluorophenol         | 53.1% | d4-2-Chlorophenol | 49.3% |
| d4-1,2-Dichlorobenzene | 52.0% | d5-Nitrobenzene   | 82.8% |
| 2,4,6-Tribromophenol   | 89.6% | d14-p-Terphenyl   | 58.4% |

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC33-8-10**

Page 1 of 1

**SAMPLE**

Lab Sample ID: J0760

QC Report No: J076-Windward Environmental, LLC

LIMS ID: 06-11863

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *[Signature]*

Date Sampled: 02/11/06

Reported: 07/27/06

Date Received: 02/11/06

Date Extracted: 07/22/06

Sample Amount: 32.6 g-dry-wt

Date Analyzed: 07/26/06 16:17

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT2/PK

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 35.1%

Silica Gel Cleanup: No

pH: 8.5

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.1 | 23      |
| 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 |
| 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 | 5.5 J   |
| 86-30-6    | N-Nitrosodiphenylamine     | 27  | < 27 Y  |
| 100-51-6   | Benzyl Alcohol             | 34  | < 34 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       | 62.8% | d5-Phenol         | 66.1% |
| 2-Fluorophenol         | 62.1% | d4-2-Chlorophenol | 59.5% |
| d4-1,2-Dichlorobenzene | 62.0% | d5-Nitrobenzene   | 100%  |
| 2,4,6-Tribromophenol   | 105%  | d14-p-Terphenyl   | 69.2% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC34-0-1  
SAMPLE

Lab Sample ID: JB96A  
LIMS ID: 06-3342  
Matrix: Sediment  
Data Release Authorized: *AS*  
Reported: 03/30/06

QC Report No: JB96-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/18/06  
Date Received: 02/18/06

Date Extracted: 03/04/06  
Date Analyzed: 03/28/06 19:03  
Instrument/Analyst: NT6/PK  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 44.5 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 3.00  
Percent Moisture: 50.6%  
pH: 6.8

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 6.7 | 4.0 J   |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 6.7 | < 6.7 U |
| 118-74-1   | Hexachlorobenzene          | 6.7 | < 6.7 U |
| 87-68-3    | Hexachlorobutadiene        | 6.7 | < 6.7 U |
| 65-85-0    | Benzoic Acid               | 67  | 160 B   |
| 85-68-7    | Butylbenzylphthalate       | 6.7 | 440     |
| 95-48-7    | 2-Methylphenol             | 6.7 | 6.7 M   |
| 105-67-9   | 2,4-Dimethylphenol         | 6.7 | < 6.7 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 48  | < 48 Y  |
| 100-51-6   | Benzyl Alcohol             | 34  | 34      |
| 87-86-5    | Pentachlorophenol          | 34  | 76      |
| 95-50-1    | 1,2-Dichlorobenzene        | 6.7 | < 6.7 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 34  | < 34 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 34  | < 34 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 121%  | d5-Phenol         | 66.1% |
| 2-Fluorophenol         | 61.5% | d4-2-Chlorophenol | 72.2% |
| d4-1,2-Dichlorobenzene | 59.2% | d5-Nitrobenzene   | 31.0% |
| 2,4,6-Tribromophenol   | 150%  | d14-p-Terphenyl   | 47.4% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC34-1-2

Page 1 of 1

SAMPLE

Lab Sample ID: JB96B

QC Report No: JB96-Windward Environmental, LLC

LIMS ID: 06-3343

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *AB*

Date Sampled: 02/18/06

Reported: 03/30/06

Date Received: 02/18/06

Date Extracted: 03/04/06

Sample Amount: 38.7 g-dry-wt

Date Analyzed: 03/28/06 19:36

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 50.4%

Silica Gel Cleanup: No

pH: 7.6

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 7.8 | 7.0 J   |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 7.8 | < 7.8 U |
| 118-74-1   | Hexachlorobenzene          | 7.8 | < 7.8 U |
| 87-68-3    | Hexachlorobutadiene        | 7.8 | < 7.8 U |
| 65-85-0    | Benzoic Acid               | 78  | 140 B   |
| 85-68-7    | Butylbenzylphthalate       | 7.8 | 400     |
| 95-48-7    | 2-Methylphenol             | 7.8 | 9.3 M   |
| 105-67-9   | 2,4-Dimethylphenol         | 7.8 | < 7.8 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 290 | < 290 Y |
| 100-51-6   | Benzyl Alcohol             | 39  | 210     |
| 87-86-5    | Pentachlorophenol          | 39  | < 39 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 7.8 | 4.6 J   |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 39  | < 39 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 39  | < 39 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 64.7% | d5-Phenol         | 50.8% |
| 2-Fluorophenol         | 48.4% | d4-2-Chlorophenol | 55.0% |
| d4-1,2-Dichlorobenzene | 47.2% | d5-Nitrobenzene   | 32.0% |
| 2,4,6-Tribromophenol   | 95.2% | d14-p-Terphenyl   | 40.7% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC34-2-4  
SAMPLE

Lab Sample ID: JB96C  
LIMS ID: 06-3344  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/30/06

QC Report No: JB96-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/18/06  
Date Received: 02/18/06

Date Extracted: 03/04/06  
Date Analyzed: 03/28/06 20:09  
Instrument/Analyst: NT6/PK  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 50.4 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 3.00  
Percent Moisture: 39.3%  
pH: 7.5

| CAS Number | Analyte                     | RL         | Result       |
|------------|-----------------------------|------------|--------------|
| 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      |
| 65-85-0    | <b>Benzoic Acid</b>         | <b>60</b>  | <b>110 B</b> |
| 85-68-7    | <b>Butylbenzylphthalate</b> | <b>6.0</b> | <b>44</b>    |
| 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      | 32         | < 32 Y       |
| 100-51-6   | <b>Benzyl Alcohol</b>       | <b>30</b>  | <b>20 J</b>  |
| 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       | 82.7% | d5-Phenol         | 65.9% |
| 2-Fluorophenol         | 65.5% | d4-2-Chlorophenol | 71.1% |
| d4-1,2-Dichlorobenzene | 61.0% | d5-Nitrobenzene   | 54.7% |
| 2,4,6-Tribromophenol   | 110%  | d14-p-Terphenyl   | 39.7% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC203-0-1

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB96G

QC Report No: JB96-Windward Environmental, LLC

LIMS ID: 06-3348

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/18/06

Reported: 03/30/06

Date Received: 02/18/06

Date Extracted: 03/04/06

Sample Amount: 32.2 g-dry-wt

Date Analyzed: 03/28/06 20:42

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 53.4%

Silica Gel Cleanup: No

pH: 6.9

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 9.3 | 5.6 J   |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 9.3 | < 9.3 U |
| 118-74-1   | Hexachlorobenzene          | 9.3 | < 9.3 U |
| 87-68-3    | Hexachlorobutadiene        | 9.3 | < 9.3 U |
| 65-85-0    | Benzoic Acid               | 93  | 420 B   |
| 85-68-7    | Butylbenzylphthalate       | 9.3 | 380     |
| 95-48-7    | 2-Methylphenol             | 9.3 | 20      |
| 105-67-9   | 2,4-Dimethylphenol         | 9.3 | < 9.3 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 98  | < 98 Y  |
| 100-51-6   | Benzyl Alcohol             | 47  | 66      |
| 87-86-5    | Pentachlorophenol          | 47  | < 47 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 9.3 | < 9.3 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 47  | < 47 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 47  | < 47 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 68.3% | d5-Phenol         | 63.5% |
| 2-Fluorophenol         | 67.8% | d4-2-Chlorophenol | 70.8% |
| d4-1,2-Dichlorobenzene | 57.8% | d5-Nitrobenzene   | 55.9% |
| 2,4,6-Tribromophenol   | 98.4% | d14-p-Terphenyl   | 51.7% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC203-0-1  
DILUTION

Lab Sample ID: JB96G  
LIMS ID: 06-3348  
Matrix: Sediment  
Data Release Authorized: *AS*  
Reported: 03/30/06

QC Report No: JB96-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/18/06  
Date Received: 02/18/06

Date Extracted: 03/04/06  
Date Analyzed: 03/29/06 13:41  
Instrument/Analyst: NT6/VTS  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 32.2 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 10.0  
Percent Moisture: 53.4%  
pH: 6.9

| CAS Number     | Analyte                     | RL        | Result     |
|----------------|-----------------------------|-----------|------------|
| 106-46-7       | 1,4-Dichlorobenzene         | 31        | < 31 U     |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 31        | < 31 U     |
| 118-74-1       | Hexachlorobenzene           | 31        | < 31 U     |
| 87-68-3        | Hexachlorobutadiene         | 31        | < 31 U     |
| 65-85-0        | Benzoic Acid                | 310       | < 310 U    |
| <b>85-68-7</b> | <b>Butylbenzylphthalate</b> | <b>31</b> | <b>320</b> |
| 95-48-7        | 2-Methylphenol              | 31        | < 31 U     |
| 105-67-9       | 2,4-Dimethylphenol          | 31        | < 31 U     |
| 86-30-6        | N-Nitrosodiphenylamine      | 140       | < 140 Y    |
| 100-51-6       | Benzyl Alcohol              | 160       | < 160 U    |
| 87-86-5        | Pentachlorophenol           | 160       | < 160 U    |
| 95-50-1        | 1,2-Dichlorobenzene         | 31        | < 31 U     |
| 621-64-7       | N-Nitroso-Di-N-Propylamine  | 160       | < 160 U    |
| 62-75-9        | N-Nitrosodimethylamine      | 160       | < 160 U    |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 186%  | d5-Phenol         | 81.9% |
| 2-Fluorophenol         | 85.6% | d4-2-Chlorophenol | 82.1% |
| d4-1,2-Dichlorobenzene | 72.0% | d5-Nitrobenzene   | 52.8% |
| 2,4,6-Tribromophenol   | 189%  | d14-p-Terphenyl   | 44.4% |



**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC203-1-2  
SAMPLE

Lab Sample ID: JB96H  
LIMS ID: 06-3349  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/30/06

QC Report No: JB96-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/18/06  
Date Received: 02/18/06

Date Extracted: 03/04/06  
Date Analyzed: 03/28/06 21:15  
Instrument/Analyst: NT6/PK  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 27.7 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 3.00  
Percent Moisture: 53.0%  
pH: 7.2

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 11  | 6.5 J   |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 11  | < 11 U  |
| 118-74-1   | Hexachlorobenzene          | 11  | < 11 U  |
| 87-68-3    | Hexachlorobutadiene        | 11  | < 11 U  |
| 65-85-0    | Benzoic Acid               | 110 | 140 B   |
| 85-68-7    | Butylbenzylphthalate       | 11  | 400     |
| 95-48-7    | 2-Methylphenol             | 11  | < 11 U  |
| 105-67-9   | 2,4-Dimethylphenol         | 11  | < 11 U  |
| 86-30-6    | N-Nitrosodiphenylamine     | 200 | < 200 Y |
| 100-51-6   | Benzyl Alcohol             | 54  | 41 J    |
| 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  $\mu\text{g}/\text{kg}$  (ppb)

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 68.9% | d5-Phenol         | 57.1% |
| 2-Fluorophenol         | 61.8% | d4-2-Chlorophenol | 68.2% |
| d4-1,2-Dichlorobenzene | 54.6% | d5-Nitrobenzene   | 48.1% |
| 2,4,6-Tribromophenol   | 96.8% | d14-p-Terphenyl   | 53.0% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC203-1-2  
DILUTION

Lab Sample ID: JB96H  
LIMS ID: 06-3349  
Matrix: Sediment  
Data Release Authorized: *[Signature]*  
Reported: 03/30/06

QC Report No: JB96-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/18/06  
Date Received: 02/18/06

Date Extracted: 03/04/06  
Date Analyzed: 03/29/06 14:15  
Instrument/Analyst: NT6/VTS  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 27.7 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 10.0  
Percent Moisture: 53.0%  
pH: 7.2

| CAS Number     | Analyte                     | RL        | Result     |
|----------------|-----------------------------|-----------|------------|
| 106-46-7       | 1,4-Dichlorobenzene         | 36        | < 36 U     |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 36        | < 36 U     |
| 118-74-1       | Hexachlorobenzene           | 36        | < 36 U     |
| 87-68-3        | Hexachlorobutadiene         | 36        | < 36 U     |
| 65-85-0        | Benzoic Acid                | 360       | < 360 U    |
| <b>85-68-7</b> | <b>Butylbenzylphthalate</b> | <b>36</b> | <b>310</b> |
| 95-48-7        | 2-Methylphenol              | 36        | < 36 U     |
| 105-67-9       | 2,4-Dimethylphenol          | 36        | < 36 U     |
| 86-30-6        | N-Nitrosodiphenylamine      | 260       | < 260 Y    |
| 100-51-6       | Benzyl Alcohol              | 180       | < 180 U    |
| 87-86-5        | Pentachlorophenol           | 180       | < 180 U    |
| 95-50-1        | 1,2-Dichlorobenzene         | 36        | < 36 U     |
| 621-64-7       | N-Nitroso-Di-N-Propylamine  | 180       | < 180 U    |
| 62-75-9        | N-Nitrosodimethylamine      | 180       | < 180 U    |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 145%  | d5-Phenol         | 65.3% |
| 2-Fluorophenol         | 67.2% | d4-2-Chlorophenol | 69.6% |
| d4-1,2-Dichlorobenzene | 59.6% | d5-Nitrobenzene   | 45.6% |
| 2,4,6-Tribromophenol   | 148%  | d14-p-Terphenyl   | 40.8% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC203-2-4

Page 1 of 1

SAMPLE

Lab Sample ID: JB96I

QC Report No: JB96-Windward Environmental, LLC

LIMS ID: 06-3350

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *AS*

Date Sampled: 02/18/06

Reported: 03/30/06

Date Received: 02/18/06

Date Extracted: 03/04/06

Sample Amount: 43.3 g-dry-wt

Date Analyzed: 03/28/06 21:48

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 45.9%

Silica Gel Cleanup: No

pH: 7.5

| CAS Number | Analyte                     | RL         | Result       |
|------------|-----------------------------|------------|--------------|
| 106-46-7   | 1,4-Dichlorobenzene         | 6.9        | < 6.9 U      |
| 120-82-1   | 1,2,4-Trichlorobenzene      | 6.9        | < 6.9 U      |
| 118-74-1   | Hexachlorobenzene           | 6.9        | < 6.9 U      |
| 87-68-3    | Hexachlorobutadiene         | 6.9        | < 6.9 U      |
| 65-85-0    | <b>Benzoic Acid</b>         | <b>69</b>  | <b>570 B</b> |
| 85-68-7    | <b>Butylbenzylphthalate</b> | <b>6.9</b> | <b>140</b>   |
| 95-48-7    | 2-Methylphenol              | 6.9        | < 6.9 U      |
| 105-67-9   | 2,4-Dimethylphenol          | 6.9        | < 6.9 U      |
| 86-30-6    | N-Nitrosodiphenylamine      | 28         | < 28 Y       |
| 100-51-6   | Benzyl Alcohol              | 35         | < 35 U       |
| 87-86-5    | Pentachlorophenol           | 35         | < 35 U       |
| 95-50-1    | 1,2-Dichlorobenzene         | 6.9        | < 6.9 U      |
| 621-64-7   | N-Nitroso-Di-N-Propylamine  | 35         | < 35 U       |
| 62-75-9    | N-Nitrosodimethylamine      | 35         | < 35 U       |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 56.0% | d5-Phenol         | 58.6% |
| 2-Fluorophenol         | 60.6% | d4-2-Chlorophenol | 66.8% |
| d4-1,2-Dichlorobenzene | 53.8% | d5-Nitrobenzene   | 52.9% |
| 2,4,6-Tribromophenol   | 78.8% | d14-p-Terphenyl   | 42.2% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC203-2-4

Page 1 of 1

DILUTION

Lab Sample ID: JB96I

QC Report No: JB96-Windward Environmental, LLC

LiMS ID: 06-3350

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *MS*

Date Sampled: 02/18/06

Reported: 03/30/06

Date Received: 02/18/06

Date Extracted: 03/04/06

Sample Amount: 43.3 g-dry-wt

Date Analyzed: 03/29/06 14:48

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/VTS

Dilution Factor: 10.0

GPC Cleanup: Yes

Percent Moisture: 45.9%

Silica Gel Cleanup: No

pH: 7.5

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 23  | < 23 U  |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 23  | < 23 U  |
| 118-74-1   | Hexachlorobenzene          | 23  | < 23 U  |
| 87-68-3    | Hexachlorobutadiene        | 23  | < 23 U  |
| 65-85-0    | Benzoic Acid               | 230 | 430 B   |
| 85-68-7    | Butylbenzylphthalate       | 23  | 110     |
| 95-48-7    | 2-Methylphenol             | 23  | < 23 U  |
| 105-67-9   | 2,4-Dimethylphenol         | 23  | < 23 U  |
| 86-30-6    | N-Nitrosodiphenylamine     | 39  | < 39 Y  |
| 100-51-6   | Benzyl Alcohol             | 120 | < 120 U |
| 87-86-5    | Pentachlorophenol          | 120 | < 120 U |
| 95-50-1    | 1,2-Dichlorobenzene        | 23  | < 23 U  |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 120 | < 120 U |
| 62-75-9    | N-Nitrosodimethylamine     | 120 | < 120 U |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 150%  | d5-Phenol         | 60.8% |
| 2-Fluorophenol         | 63.7% | d4-2-Chlorophenol | 66.9% |
| d4-1,2-Dichlorobenzene | 57.6% | d5-Nitrobenzene   | 42.4% |
| 2,4,6-Tribromophenol   | 153%  | d14-p-Terphenyl   | 35.6% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC203-4-6

Page 1 of 1

**SAMPLE**

Lab Sample ID: JH57Z


QC Report No: JH57-Windward Environmental, LLC

LIMS ID: 06-7267

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: 

Date Sampled: 02/18/06

Reported: 05/23/06

Date Received: 02/18/06

Date Extracted: 05/10/06

Sample Amount: 30.5 g-dry-wt

Date Analyzed: 05/18/06 16:19

Final Extract Volume: 2.0 mL

Instrument/Analyst: /PK

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 40.9%

Silica Gel Cleanup: No

pH: 7.7

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.6 | 35      |
| 106-46-7   | 1,4-Dichlorobenzene        | 6.6 | < 6.6 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 6.6 | < 6.6 U |
| 118-74-1   | Hexachlorobenzene          | 6.6 | < 6.6 U |
| 87-68-3    | Hexachlorobutadiene        | 6.6 | < 6.6 U |
| 131-11-3   | Dimethylphthalate          | 6.6 | 210     |
| 85-68-7    | Butylbenzylphthalate       | 6.6 | 56      |
| 95-48-7    | 2-Methylphenol             | 6.6 | < 6.6 U |
| 105-67-9   | 2,4-Dimethylphenol         | 6.6 | < 6.6 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 66  | < 66 Y  |
| 100-51-6   | Benzyl Alcohol             | 33  | < 33 U  |
| 87-86-5    | Pentachlorophenol          | 33  | 63      |
| 95-50-1    | 1,2-Dichlorobenzene        | 6.6 | < 6.6 U |
| 541-73-1   | 1,3-Dichlorobenzene        | 6.6 | < 6.6 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 33  | < 33 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 33  | < 33 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 109%  | d5-Phenol         | 76.3% |
| 2-Fluorophenol         | 81.3% | d4-2-Chlorophenol | 66.4% |
| d4-1,2-Dichlorobenzene | 65.2% | d5-Nitrobenzene   | 106%  |
| 2,4,6-Tribromophenol   | 116%  | d14-p-Terphenyl   | 58.4% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC203-4-6

Page 1 of 1

REANALYSIS

Lab Sample ID: JH57Z

QC Report No: JH57-Windward Environmental, LLC

LIMS ID: 06-7267

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *[Signature]*

Date Sampled: 02/18/06

Reported: 05/23/06

Date Received: 02/18/06

Date Extracted: 05/10/06

Sample Amount: 30.5 g-dry-wt

Date Analyzed: 05/19/06 15:10

Final Extract Volume: 2.0 mL

Instrument/Analyst: /PK

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 40.9%

Silica Gel Cleanup: No

pH: 7.7

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.6 | 39      |
| 106-46-7   | 1,4-Dichlorobenzene        | 6.6 | < 6.6 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 6.6 | < 6.6 U |
| 118-74-1   | Hexachlorobenzene          | 6.6 | < 6.6 U |
| 87-68-3    | Hexachlorobutadiene        | 6.6 | < 6.6 U |
| 131-11-3   | Dimethylphthalate          | 6.6 | 200     |
| 85-68-7    | Butylbenzylphthalate       | 6.6 | 48      |
| 95-48-7    | 2-Methylphenol             | 6.6 | < 6.6 U |
| 105-67-9   | 2,4-Dimethylphenol         | 6.6 | < 6.6 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 62  | < 62 Y  |
| 100-51-6   | Benzyl Alcohol             | 33  | < 33 U  |
| 87-86-5    | Pentachlorophenol          | 33  | 60      |
| 95-50-1    | 1,2-Dichlorobenzene        | 6.6 | < 6.6 U |
| 541-73-1   | 1,3-Dichlorobenzene        | 6.6 | < 6.6 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 33  | < 33 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 33  | < 33 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 97.2% | d5-Phenol         | 77.9% |
| 2-Fluorophenol         | 72.5% | d4-2-Chlorophenol | 72.3% |
| d4-1,2-Dichlorobenzene | 68.0% | d5-Nitrobenzene   | 76.4% |
| 2,4,6-Tribromophenol   | 87.7% | d14-p-Terphenyl   | 56.8% |



ORGANICS ANALYSIS DATA SHEET

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC35-0-2

Page 1 of 1

SAMPLE

Lab Sample ID: JB64L

QC Report No: JB64-Windward Environmental, LLC

LIMS ID: 06-3082

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/15/06

Reported: 03/14/06

Date Received: 02/15/06

Date Extracted: 02/21/06

Sample Amount: 25.2 g-dry-wt

Date Analyzed: 02/24/06 18:31

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 46.8%

Silica Gel Cleanup: No

pH: 7.2

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 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 |
| 65-85-0    | Benzoic Acid               | 60  | 120     |
| 85-68-7    | Butylbenzylphthalate       | 6.0 | 43      |
| 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     | 16  | < 16 Y  |
| 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 µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 46.1% | d5-Phenol         | 78.2% |
| 2-Fluorophenol         | 60.0% | d4-2-Chlorophenol | 55.0% |
| d4-1,2-Dichlorobenzene | 49.8% | d5-Nitrobenzene   | 52.3% |
| 2,4,6-Tribromophenol   | 73.1% | d14-p-Terphenyl   | 47.0% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC35-2-4  
SAMPLE

Lab Sample ID: JB64M  
LIMS ID: 06-3083  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/14/06

QC Report No: JB64-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/15/06  
Date Received: 02/15/06

Date Extracted: 02/21/06  
Date Analyzed: 02/24/06 19:03  
Instrument/Analyst: NT6/PK  
GPC Cleanup: No  
Silica Gel Cleanup: No

Sample Amount: 25.4 g-dry-wt  
Final Extract Volume: 0.5 mL  
Dilution Factor: 3.00  
Percent Moisture: 42.4%  
pH: 7.3

| CAS Number | Analyte                     | RL         | Result     |
|------------|-----------------------------|------------|------------|
| 106-46-7   | 1,4-Dichlorobenzene         | 5.9        | < 5.9 U    |
| 120-82-1   | 1,2,4-Trichlorobenzene      | 5.9        | < 5.9 U    |
| 118-74-1   | Hexachlorobenzene           | 5.9        | < 5.9 U    |
| 87-68-3    | Hexachlorobutadiene         | 5.9        | < 5.9 U    |
| 65-85-0    | <b>Benzoic Acid</b>         | <b>59</b>  | <b>130</b> |
| 85-68-7    | <b>Butylbenzylphthalate</b> | <b>5.9</b> | <b>32</b>  |
| 95-48-7    | 2-Methylphenol              | 5.9        | < 5.9 U    |
| 105-67-9   | 2,4-Dimethylphenol          | 5.9        | < 5.9 U    |
| 86-30-6    | N-Nitrosodiphenylamine      | 17         | < 17 Y     |
| 100-51-6   | Benzyl Alcohol              | 30         | < 30 U     |
| 87-86-5    | Pentachlorophenol           | 30         | < 30 U     |
| 95-50-1    | 1,2-Dichlorobenzene         | 5.9        | < 5.9 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       | 87.2% | d5-Phenol         | 80.8% |
| 2-Fluorophenol         | 62.5% | d4-2-Chlorophenol | 57.4% |
| d4-1,2-Dichlorobenzene | 54.8% | d5-Nitrobenzene   | 57.8% |
| 2,4,6-Tribromophenol   | 134%  | d14-p-Terphenyl   | 44.5% |



**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC35-2-4  
DILUTION

Lab Sample ID: JB64M  
LIMS ID: 06-3083  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/14/06

QC Report No: JB64-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/15/06  
Date Received: 02/15/06

Date Extracted: 02/21/06  
Date Analyzed: 03/08/06 14:12  
Instrument/Analyst: NT6/PK  
GPC Cleanup: No  
Silica Gel Cleanup: No

Sample Amount: 25.4 g-dry-wt  
Final Extract Volume: 0.5 mL  
Dilution Factor: 9.00  
Percent Moisture: 42.4%  
pH: 7.3

| CAS Number     | Analyte                     | RL        | Result    |
|----------------|-----------------------------|-----------|-----------|
| 106-46-7       | 1,4-Dichlorobenzene         | 18        | < 18 U    |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 18        | < 18 U    |
| 118-74-1       | Hexachlorobenzene           | 18        | < 18 U    |
| 87-68-3        | Hexachlorobutadiene         | 18        | < 18 U    |
| 65-85-0        | Benzoic Acid                | 180       | < 180 U   |
| <b>85-68-7</b> | <b>Butylbenzylphthalate</b> | <b>18</b> | <b>35</b> |
| 95-48-7        | 2-Methylphenol              | 18        | < 18 U    |
| 105-67-9       | 2,4-Dimethylphenol          | 18        | < 18 U    |
| 86-30-6        | N-Nitrosodiphenylamine      | 18        | < 18 U    |
| 100-51-6       | Benzyl Alcohol              | 89        | < 89 U    |
| 87-86-5        | Pentachlorophenol           | 89        | < 89 U    |
| 95-50-1        | 1,2-Dichlorobenzene         | 18        | < 18 U    |
| 621-64-7       | N-Nitroso-Di-N-Propylamine  | 89        | < 89 U    |
| 62-75-9        | N-Nitrosodimethylamine      | 89        | < 89 U    |

Reported in µg/kg (ppb)

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 65.2% | d5-Phenol         | 64.1% |
| 2-Fluorophenol         | 60.2% | d4-2-Chlorophenol | 59.8% |
| d4-1,2-Dichlorobenzene | 47.9% | d5-Nitrobenzene   | 54.0% |
| 2,4,6-Tribromophenol   | 64.8% | d14-p-Terphenyl   | 41.4% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC36-0-1

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB82A


QC Report No: JB82-Windward Environmental, LLC

LIMS ID: 06-3250

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: 

Date Sampled: 02/16/06

Reported: 03/29/06

Date Received: 02/16/06

Date Extracted: 02/28/06

Sample Amount: 25.2 g-dry-wt

Date Analyzed: 03/27/06 19:44

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 40.4%

Silica Gel Cleanup: No

pH: 7.3

| CAS Number     | Analyte                    | RL         | Result       |
|----------------|----------------------------|------------|--------------|
| 106-46-7       | 1,4-Dichlorobenzene        | 12         | < 12 U       |
| 120-82-1       | 1,2,4-Trichlorobenzene     | 12         | < 12 U       |
| 118-74-1       | Hexachlorobenzene          | 12         | < 12 U       |
| 87-68-3        | Hexachlorobutadiene        | 12         | < 12 U       |
| <b>65-85-0</b> | <b>Benzoic Acid</b>        | <b>120</b> | <b>170 B</b> |
| 85-68-7        | Butylbenzylphthalate       | 12         | < 12 U       |
| 95-48-7        | 2-Methylphenol             | 12         | < 12 U       |
| 105-67-9       | 2,4-Dimethylphenol         | 12         | < 12 U       |
| 86-30-6        | N-Nitrosodiphenylamine     | 17         | < 17 Y       |
| 100-51-6       | Benzyl Alcohol             | 60         | < 60 U       |
| 87-86-5        | Pentachlorophenol          | 60         | < 60 U       |
| 95-50-1        | 1,2-Dichlorobenzene        | 12         | < 12 U       |
| 621-64-7       | N-Nitroso-Di-N-Propylamine | 60         | < 60 U       |
| 62-75-9        | N-Nitrosodimethylamine     | 60         | < 60 U       |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 41.0% | d5-Phenol         | 91.4% |
| 2-Fluorophenol         | 80.8% | d4-2-Chlorophenol | 88.2% |
| d4-1,2-Dichlorobenzene | 64.6% | d5-Nitrobenzene   | 106%  |
| 2,4,6-Tribromophenol   | 40.6% | d14-p-Terphenyl   | 76.1% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC36-1-2

Page 1 of 1

SAMPLE

Lab Sample ID: JB82B


QC Report No: JB82-Windward Environmental, LLC

LIMS ID: 06-3251

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: 

Date Sampled: 02/16/06

Reported: 03/29/06

Date Received: 02/16/06

Date Extracted: 02/28/06

Sample Amount: 25.1 g-dry-wt

Date Analyzed: 03/27/06 20:17

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 37.4%

Silica Gel Cleanup: No

pH: 7.0

| CAS Number | Analyte                    | RL  | Result |
|------------|----------------------------|-----|--------|
| 106-46-7   | 1,4-Dichlorobenzene        | 12  | < 12 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 12  | < 12 U |
| 118-74-1   | Hexachlorobenzene          | 12  | < 12 U |
| 87-68-3    | Hexachlorobutadiene        | 12  | < 12 U |
| 65-85-0    | Benzoic Acid               | 120 | 180 B  |
| 85-68-7    | Butylbenzylphthalate       | 12  | < 12 U |
| 95-48-7    | 2-Methylphenol             | 12  | < 12 U |
| 105-67-9   | 2,4-Dimethylphenol         | 12  | < 12 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 12  | < 12 Y |
| 100-51-6   | Benzyl Alcohol             | 60  | < 60 U |
| 87-86-5    | Pentachlorophenol          | 60  | < 60 U |
| 95-50-1    | 1,2-Dichlorobenzene        | 12  | < 12 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 60  | < 60 U |
| 62-75-9    | N-Nitrosodimethylamine     | 60  | < 60 U |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 32.4% | d5-Phenol         | 71.0% |
| 2-Fluorophenol         | 53.1% | d4-2-Chlorophenol | 72.8% |
| d4-1,2-Dichlorobenzene | 52.8% | d5-Nitrobenzene   | 85.2% |
| 2,4,6-Tribromophenol   | 31.5% | d14-p-Terphenyl   | 61.2% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC36-2-4

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB82C

QC Report No: JB82-Windward Environmental, LLC

LIMS ID: 06-3252

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/16/06

Reported: 03/29/06

Date Received: 02/16/06

Date Extracted: 02/28/06

Sample Amount: 26.0 g-dry-wt

Date Analyzed: 03/27/06 20:51

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 34.3%

Silica Gel Cleanup: No

pH: 7.1

| CAS Number | Analyte                    | RL  | Result |
|------------|----------------------------|-----|--------|
| 106-46-7   | 1,4-Dichlorobenzene        | 12  | < 12 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 12  | < 12 U |
| 118-74-1   | Hexachlorobenzene          | 12  | < 12 U |
| 87-68-3    | Hexachlorobutadiene        | 12  | < 12 U |
| 65-85-0    | Benzoic Acid               | 120 | 120 B  |
| 85-68-7    | Butylbenzylphthalate       | 12  | 5.8 J  |
| 95-48-7    | 2-Methylphenol             | 12  | < 12 U |
| 105-67-9   | 2,4-Dimethylphenol         | 12  | < 12 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 15  | < 15 Y |
| 100-51-6   | Benzyl Alcohol             | 58  | < 58 U |
| 87-86-5    | Pentachlorophenol          | 58  | < 58 U |
| 95-50-1    | 1,2-Dichlorobenzene        | 12  | < 12 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 58  | < 58 U |
| 62-75-9    | N-Nitrosodimethylamine     | 58  | < 58 U |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 37.9% | d5-Phenol         | 77.0% |
| 2-Fluorophenol         | 59.2% | d4-2-Chlorophenol | 80.6% |
| d4-1,2-Dichlorobenzene | 62.9% | d5-Nitrobenzene   | 92.2% |
| 2,4,6-Tribromophenol   | 37.4% | d14-p-Terphenyl   | 72.7% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC202-0-1

Page 1 of 1

SAMPLE

Lab Sample ID: JB82G

QC Report No: JB82-Windward Environmental, LLC

LIMS ID: 06-3256

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *AS*

Date Sampled: 02/16/06

Reported: 03/29/06

Date Received: 02/16/06

Date Extracted: 02/28/06

Sample Amount: 25.2 g-dry-wt

Date Analyzed: 03/27/06 21:24

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 44.1%

Silica Gel Cleanup: No

pH: 6.8

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 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 |
| 65-85-0    | Benzoic Acid               | 60  | 150 B   |
| 85-68-7    | Butylbenzylphthalate       | 6.0 | 9.5     |
| 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     | 14  | < 14 Y  |
| 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       | 37.9% | d5-Phenol         | 88.8% |
| 2-Fluorophenol         | 65.4% | d4-2-Chlorophenol | 80.8% |
| d4-1,2-Dichlorobenzene | 64.0% | d5-Nitrobenzene   | 178%  |
| 2,4,6-Tribromophenol   | 36.8% | d14-p-Terphenyl   | 73.6% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC202-1-2

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB82H


QC Report No: JB82-Windward Environmental, LLC

LIMS ID: 06-3257

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: 

Date Sampled: 02/16/06

Reported: 03/29/06

Date Received: 02/16/06

Date Extracted: 02/28/06

Sample Amount: 25.9 g-dry-wt

Date Analyzed: 03/27/06 21:57

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 37.8%

Silica Gel Cleanup: No

pH: 7.0

| CAS Number | Analyte                    | RL         | Result       |
|------------|----------------------------|------------|--------------|
| 106-46-7   | 1,4-Dichlorobenzene        | 12         | < 12 U       |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 12         | < 12 U       |
| 118-74-1   | Hexachlorobenzene          | 12         | < 12 U       |
| 87-68-3    | Hexachlorobutadiene        | 12         | < 12 U       |
| 65-85-0    | <b>Benzoic Acid</b>        | <b>120</b> | <b>170 B</b> |
| 85-68-7    | Butylbenzylphthalate       | 12         | < 12 U       |
| 95-48-7    | 2-Methylphenol             | 12         | < 12 U       |
| 105-67-9   | 2,4-Dimethylphenol         | 12         | < 12 U       |
| 86-30-6    | N-Nitrosodiphenylamine     | 20         | < 20 Y       |
| 100-51-6   | Benzyl Alcohol             | 58         | < 58 U       |
| 87-86-5    | Pentachlorophenol          | 58         | < 58 U       |
| 95-50-1    | 1,2-Dichlorobenzene        | 12         | < 12 U       |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 58         | < 58 U       |
| 62-75-9    | N-Nitrosodimethylamine     | 58         | < 58 U       |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 36.0% | d5-Phenol         | 81.6% |
| 2-Fluorophenol         | 60.2% | d4-2-Chlorophenol | 82.2% |
| d4-1,2-Dichlorobenzene | 62.2% | d5-Nitrobenzene   | 99.4% |
| 2,4,6-Tribromophenol   | 34.4% | d14-p-Terphenyl   | 63.6% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC202-2-4

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB82I

QC Report No: JB82-Windward Environmental, LLC

LIMS ID: 06-3258


Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/16/06

Reported: 03/29/06 

Date Received: 02/16/06

Date Extracted: 02/28/06

Sample Amount: 25.6 g-dry-wt

Date Analyzed: 03/28/06 18:14

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 30.8%

Silica Gel Cleanup: No

pH: 6.7

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 12  | < 12 U  |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 12  | < 12 U  |
| 118-74-1   | Hexachlorobenzene          | 12  | < 12 U  |
| 87-68-3    | Hexachlorobutadiene        | 12  | < 12 U  |
| 65-85-0    | Benzoic Acid               | 120 | < 120 U |
| 85-68-7    | Butylbenzylphthalate       | 12  | < 12 U  |
| 95-48-7    | 2-Methylphenol             | 12  | < 12 U  |
| 105-67-9   | 2,4-Dimethylphenol         | 12  | < 12 U  |
| 86-30-6    | N-Nitrosodiphenylamine     | 20  | < 20 Y  |
| 100-51-6   | Benzyl Alcohol             | 59  | < 59 U  |
| 87-86-5    | Pentachlorophenol          | 59  | < 59 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 12  | < 12 U  |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 59  | < 59 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 59  | < 59 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 50.4% | d5-Phenol         | 87.8% |
| 2-Fluorophenol         | 78.4% | d4-2-Chlorophenol | 84.5% |
| d4-1,2-Dichlorobenzene | 68.2% | d5-Nitrobenzene   | 117%  |
| 2,4,6-Tribromophenol   | 62.1% | d14-p-Terphenyl   | 107%  |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC37-0-1

Page 1 of 1

SAMPLE

Lab Sample ID: JC21AG  
LIMS ID: 06-3605  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/30/06

QC Report No: JC21-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/22/06  
Date Received: 02/22/06

Date Extracted: 03/07/06  
Date Analyzed: 03/24/06 17:19  
Instrument/Analyst: NT6/PK  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 50.3 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 3.00  
Percent Moisture: 48.2%  
pH: 7.6

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 6.0 | 5.4 J   |
| 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 |
| 65-85-0    | Benzoic Acid               | 60  | 140     |
| 85-68-7    | Butylbenzylphthalate       | 6.0 | 41      |
| 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     | 97  | < 97 Y  |
| 100-51-6   | Benzyl Alcohol             | 30  | 22 J    |
| 87-86-5    | Pentachlorophenol          | 30  | 28 J    |
| 95-50-1    | 1,2-Dichlorobenzene        | 6.0 | 4.2 J   |
| 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       | 92.9% | d5-Phenol         | 65.3% |
| 2-Fluorophenol         | 70.2% | d4-2-Chlorophenol | 69.3% |
| d4-1,2-Dichlorobenzene | 59.9% | d5-Nitrobenzene   | 93.2% |
| 2,4,6-Tribromophenol   | 106%  | d14-p-Terphenyl   | 40.6% |



**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC37-0-1  
DILUTION

Lab Sample ID: JC21AG  
LIMS ID: 06-3605  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/30/06

QC Report No: JC21-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/22/06  
Date Received: 02/22/06

Date Extracted: 03/07/06  
Date Analyzed: 03/27/06 14:18  
Instrument/Analyst: NT6/PK  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 50.3 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 10.0  
Percent Moisture: 48.2%  
pH: 7.6

| CAS Number     | Analyte                     | RL        | Result    |
|----------------|-----------------------------|-----------|-----------|
| 106-46-7       | 1,4-Dichlorobenzene         | 20        | < 20 U    |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 20        | < 20 U    |
| 118-74-1       | Hexachlorobenzene           | 20        | < 20 U    |
| 87-68-3        | Hexachlorobutadiene         | 20        | < 20 U    |
| 65-85-0        | Benzoic Acid                | 200       | < 200 U   |
| <b>85-68-7</b> | <b>Butylbenzylphthalate</b> | <b>20</b> | <b>44</b> |
| 95-48-7        | 2-Methylphenol              | 20        | < 20 U    |
| 105-67-9       | 2,4-Dimethylphenol          | 20        | < 20 U    |
| 86-30-6        | N-Nitrosodiphenylamine      | 120       | < 120 Y   |
| 100-51-6       | Benzyl Alcohol              | 99        | < 99 U    |
| 87-86-5        | Pentachlorophenol           | 99        | < 99 U    |
| 95-50-1        | 1,2-Dichlorobenzene         | 20        | < 20 U    |
| 621-64-7       | N-Nitroso-Di-N-Propylamine  | 99        | < 99 U    |
| 62-75-9        | N-Nitrosodimethylamine      | 99        | < 99 U    |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 68.8% | d5-Phenol         | 66.4% |
| 2-Fluorophenol         | 71.5% | d4-2-Chlorophenol | 77.9% |
| d4-1,2-Dichlorobenzene | 61.6% | d5-Nitrobenzene   | 48.8% |
| 2,4,6-Tribromophenol   | 76.3% | d14-p-Terphenyl   | 47.6% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC37-1-2

Page 1 of 1

**SAMPLE**

Lab Sample ID: JC21AH

QC Report No: JC21-Windward Environmental, LLC

LIMS ID: 06-3606

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/22/06

Reported: 03/30/06

Date Received: 02/22/06

Date Extracted: 03/07/06

Sample Amount: 50.2 g-dry-wt

Date Analyzed: 03/24/06 17:52

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 42.3%

Silica Gel Cleanup: No

pH: 7.2

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 6.0 | < 6.0 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 6.0 | 4.2 J   |
| 118-74-1   | Hexachlorobenzene          | 6.0 | < 6.0 U |
| 87-68-3    | Hexachlorobutadiene        | 6.0 | < 6.0 U |
| 65-85-0    | Benzoic Acid               | 60  | 130     |
| 85-68-7    | Butylbenzylphthalate       | 6.0 | 51      |
| 95-48-7    | 2-Methylphenol             | 6.0 | 16      |
| 105-67-9   | 2,4-Dimethylphenol         | 6.0 | 11      |
| 86-30-6    | N-Nitrosodiphenylamine     | 150 | < 150 Y |
| 100-51-6   | Benzyl Alcohol             | 30  | 22 J    |
| 87-86-5    | Pentachlorophenol          | 30  | 74      |
| 95-50-1    | 1,2-Dichlorobenzene        | 6.0 | 9.6     |
| 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       | 66.2% | d5-Phenol         | 61.8% |
| 2-Fluorophenol         | 64.5% | d4-2-Chlorophenol | 63.2% |
| d4-1,2-Dichlorobenzene | 56.0% | d5-Nitrobenzene   | 94.1% |
| 2,4,6-Tribromophenol   | 77.8% | d14-p-Terphenyl   | 40.3% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC37-2-4  
SAMPLE

Lab Sample ID: JC21AI  
LIMS ID: 06-3607  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/30/06

QC Report No: JC21-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/22/06  
Date Received: 02/22/06

Date Extracted: 03/07/06  
Date Analyzed: 03/24/06 19:30  
Instrument/Analyst: NT6/PK  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 42.1 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 3.00  
Percent Moisture: 33.2%  
pH: 7.8

| CAS Number | Analyte                    | RL    | Result    |
|------------|----------------------------|-------|-----------|
| 106-46-7   | 1,4-Dichlorobenzene        | 7.1   | 21        |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 7.1   | 46        |
| 118-74-1   | Hexachlorobenzene          | 7.1   | < 7.1 U   |
| 87-68-3    | Hexachlorobutadiene        | 7.1   | < 7.1 U   |
| 65-85-0    | Benzoic Acid               | 71    | 230       |
| 85-68-7    | Butylbenzylphthalate       | 7.1   | < 7.1 U   |
| 95-48-7    | 2-Methylphenol             | 7.1   | 5.7 J     |
| 105-67-9   | 2,4-Dimethylphenol         | 28    | < 28 Y    |
| 86-30-6    | N-Nitrosodiphenylamine     | 1,400 | < 1,400 Y |
| 100-51-6   | Benzyl Alcohol             | 36    | 34 J      |
| 87-86-5    | Pentachlorophenol          | 36    | 190 M     |
| 95-50-1    | 1,2-Dichlorobenzene        | 7.1   | 150       |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 36    | < 36 U    |
| 62-75-9    | N-Nitrosodimethylamine     | 36    | < 36 U    |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 66.7% | d5-Phenol         | 44.6% |
| 2-Fluorophenol         | 40.0% | d4-2-Chlorophenol | 55.1% |
| d4-1,2-Dichlorobenzene | 45.0% | d5-Nitrobenzene   | 70.1% |
| 2,4,6-Tribromophenol   | 59.0% | d14-p-Terphenyl   | 74.8% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC37-5.3-6.9

Page 1 of 1

SAMPLE

Lab Sample ID: JH57D


QC Report No: JH57-Windward Environmental, LLC

LIMS ID: 06-7245

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: 

Date Sampled: 02/22/06

Reported: 05/23/06

Date Received: 02/22/06

Date Extracted: 05/10/06

Sample Amount: 30.5 g-dry-wt

Date Analyzed: 05/17/06 17:38

Final Extract Volume: 2.0 mL

Instrument/Analyst: U/PK

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 21.9%

Silica Gel Cleanup: No

pH: 7.6

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.6 | 14      |
| 106-46-7   | 1,4-Dichlorobenzene        | 6.6 | < 6.6 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 6.6 | < 6.6 U |
| 118-74-1   | Hexachlorobenzene          | 6.6 | < 6.6 U |
| 87-68-3    | Hexachlorobutadiene        | 6.6 | < 6.6 U |
| 131-11-3   | Dimethylphthalate          | 6.6 | < 6.6 U |
| 85-68-7    | Butylbenzylphthalate       | 6.6 | < 6.6 U |
| 95-48-7    | 2-Methylphenol             | 6.6 | < 6.6 U |
| 105-67-9   | 2,4-Dimethylphenol         | 6.6 | < 6.6 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 6.6 | < 6.6 U |
| 100-51-6   | Benzyl Alcohol             | 33  | < 33 U  |
| 87-86-5    | Pentachlorophenol          | 33  | < 33 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 6.6 | < 6.6 U |
| 541-73-1   | 1,3-Dichlorobenzene        | 6.6 | < 6.6 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 33  | < 33 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 33  | < 33 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 69.6% | d5-Phenol         | 69.6% |
| 2-Fluorophenol         | 68.3% | d4-2-Chlorophenol | 64.8% |
| d4-1,2-Dichlorobenzene | 66.8% | d5-Nitrobenzene   | 78.4% |
| 2,4,6-Tribromophenol   | 89.1% | d14-p-Terphenyl   | 82.8% |

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC38-0-1**

Page 1 of 1

**SAMPLE**

Lab Sample ID: JC10AT

LIMS ID: 06-3498

Matrix: Sediment

Data Release Authorized:

Reported: 03/27/06

QC Report No: JC10-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

Event: 05-08-06-32

Date Sampled: 02/21/06

Date Received: 02/21/06

Date Extracted: 03/02/06

Date Analyzed: 03/20/06 18:29

Instrument/Analyst: NT2/PK

GPC Cleanup: No

Silica Gel Cleanup: No

Sample Amount: 25.2 g-dry-wt

Final Extract Volume: 0.5 mL

Dilution Factor: 3.00

Percent Moisture: 7.3%

pH: 7.7

| CAS Number     | Analyte                    | RL        | Result      |
|----------------|----------------------------|-----------|-------------|
| 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     |
| <b>65-85-0</b> | <b>Benzoic Acid</b>        | <b>60</b> | <b>57 J</b> |
| 85-68-7        | Butylbenzylphthalate       | 6.0       | < 6.0 U     |
| 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     | 32        | < 32 Y      |
| 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       | 113%  | d5-Phenol         | 54.8% |
| 2-Fluorophenol         | 64.2% | d4-2-Chlorophenol | 49.4% |
| d4-1,2-Dichlorobenzene | 55.3% | d5-Nitrobenzene   | 59.0% |
| 2,4,6-Tribromophenol   | 186%  | d14-p-Terphenyl   | 42.5% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC38-0-1  
DILUTION

Lab Sample ID: JC10AT  
LIMS ID: 06-3498  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/27/06

QC Report No: JC10-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/21/06  
Date Received: 02/21/06

Date Extracted: 03/02/06  
Date Analyzed: 03/22/06 18:30  
Instrument/Analyst: NT2/VTS  
GPC Cleanup: No  
Silica Gel Cleanup: No

Sample Amount: 25.2 g-dry-wt  
Final Extract Volume: 0.5 mL  
Dilution Factor: 10.0  
Percent Moisture: 7.3%  
pH: 7.7

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 20  | < 20 U  |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 20  | < 20 U  |
| 118-74-1   | Hexachlorobenzene          | 20  | < 20 U  |
| 87-68-3    | Hexachlorobutadiene        | 20  | < 20 U  |
| 65-85-0    | Benzoic Acid               | 200 | < 200 U |
| 85-68-7    | Butylbenzylphthalate       | 20  | < 20 U  |
| 95-48-7    | 2-Methylphenol             | 20  | < 20 U  |
| 105-67-9   | 2,4-Dimethylphenol         | 20  | < 20 U  |
| 86-30-6    | N-Nitrosodiphenylamine     | 34  | < 34 Y  |
| 100-51-6   | Benzyl Alcohol             | 99  | < 99 U  |
| 87-86-5    | Pentachlorophenol          | 99  | < 99 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 20  | < 20 U  |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 99  | < 99 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 99  | < 99 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 56.8% | d5-Phenol         | 53.1% |
| 2-Fluorophenol         | 54.7% | d4-2-Chlorophenol | 58.9% |
| d4-1,2-Dichlorobenzene | 51.6% | d5-Nitrobenzene   | 51.2% |
| 2,4,6-Tribromophenol   | 51.5% | d14-p-Terphenyl   | 42.4% |

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC38-1-2**

Page 1 of 1

**SAMPLE**

Lab Sample ID: JC10AU

QC Report No: JC10-Windward Environmental, LLC

LIMS ID: 06-3499

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/21/06

Reported: 03/27/06

Date Received: 02/21/06

Date Extracted: 03/02/06

Sample Amount: 25.1 g-dry-wt

Date Analyzed: 03/20/06 11:50

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT2/PK

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 30.3%

Silica Gel Cleanup: No

pH: 7.8

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 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 |
| 65-85-0    | Benzoic Acid               | 60  | < 60 U  |
| 85-68-7    | Butylbenzylphthalate       | 6.0 | < 6.0 U |
| 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     | 30  | < 30 Y  |
| 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       | 55.6% | d5-Phenol         | 36.8% |
| 2-Fluorophenol         | 40.9% | d4-2-Chlorophenol | 33.8% |
| d4-1,2-Dichlorobenzene | 32.4% | d5-Nitrobenzene   | 34.1% |
| 2,4,6-Tribromophenol   | 75.7% | d14-p-Terphenyl   | 33.1% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC38-2-3  
SAMPLE

Lab Sample ID: JC10AV  
LIMS ID: 06-3500  
Matrix: Sediment  
Data Release Authorized:   
Reported: 03/27/06

QC Report No: JC10-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/21/06  
Date Received: 02/21/06

Date Extracted: 03/02/06  
Date Analyzed: 03/20/06 12:23  
Instrument/Analyst: NT2/PK  
GPC Cleanup: No  
Silica Gel Cleanup: No

Sample Amount: 25.4 g-dry-wt  
Final Extract Volume: 0.5 mL  
Dilution Factor: 3.00  
Percent Moisture: 59.2%  
pH: 7.8

| CAS Number | Analyte                     | RL         | Result      |
|------------|-----------------------------|------------|-------------|
| 106-46-7   | 1,4-Dichlorobenzene         | 5.9        | < 5.9 U     |
| 120-82-1   | 1,2,4-Trichlorobenzene      | 5.9        | < 5.9 U     |
| 118-74-1   | Hexachlorobenzene           | 5.9        | < 5.9 U     |
| 87-68-3    | Hexachlorobutadiene         | 5.9        | < 5.9 U     |
| 65-85-0    | <b>Benzoic Acid</b>         | <b>59</b>  | <b>77</b>   |
| 85-68-7    | <b>Butylbenzylphthalate</b> | <b>5.9</b> | <b>10 M</b> |
| 95-48-7    | 2-Methylphenol              | 5.9        | < 5.9 U     |
| 105-67-9   | 2,4-Dimethylphenol          | 5.9        | < 5.9 U     |
| 86-30-6    | N-Nitrosodiphenylamine      | 240        | < 240 Y     |
| 100-51-6   | Benzyl Alcohol              | 30         | < 30 U      |
| 87-86-5    | <b>Pentachlorophenol</b>    | <b>30</b>  | <b>26 J</b> |
| 95-50-1    | 1,2-Dichlorobenzene         | 5.9        | < 5.9 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       | 67.9% | d5-Phenol         | 45.4% |
| 2-Fluorophenol         | 45.8% | d4-2-Chlorophenol | 40.8% |
| d4-1,2-Dichlorobenzene | 41.8% | d5-Nitrobenzene   | 44.3% |
| 2,4,6-Tribromophenol   | 106%  | d14-p-Terphenyl   | 39.0% |



**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC38-3-3.3**

Page 1 of 1

**SAMPLE**

Lab Sample ID: JC10AW

QC Report No: JC10-Windward Environmental, LLC

LIMS ID: 06-3501

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/21/06

Reported: 03/27/06

Date Received: 02/21/06

Date Extracted: 03/02/06

Sample Amount: 25.8 g-dry-wt

Date Analyzed: 03/20/06 14:02

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT2/PK

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 29.5%

Silica Gel Cleanup: No

pH: 7.6

| CAS Number | Analyte                     | RL         | Result       |
|------------|-----------------------------|------------|--------------|
| 106-46-7   | 1,4-Dichlorobenzene         | 5.8        | < 5.8 U      |
| 120-82-1   | 1,2,4-Trichlorobenzene      | 5.8        | < 5.8 U      |
| 118-74-1   | Hexachlorobenzene           | 5.8        | < 5.8 U      |
| 87-68-3    | Hexachlorobutadiene         | 5.8        | < 5.8 U      |
| 65-85-0    | <b>Benzoic Acid</b>         | <b>58</b>  | <b>58 J</b>  |
| 85-68-7    | <b>Butylbenzylphthalate</b> | <b>5.8</b> | <b>6.4 M</b> |
| 95-48-7    | 2-Methylphenol              | 5.8        | < 5.8 U      |
| 105-67-9   | 2,4-Dimethylphenol          | 5.8        | < 5.8 U      |
| 86-30-6    | N-Nitrosodiphenylamine      | 18         | < 18 Y       |
| 100-51-6   | Benzyl Alcohol              | 29         | < 29 U       |
| 87-86-5    | Pentachlorophenol           | 29         | < 29 U       |
| 95-50-1    | 1,2-Dichlorobenzene         | 5.8        | < 5.8 U      |
| 621-64-7   | N-Nitroso-Di-N-Propylamine  | 29         | < 29 U       |
| 62-75-9    | N-Nitrosodimethylamine      | 29         | < 29 U       |

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


**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 108%  | d5-Phenol         | 64.0% |
| 2-Fluorophenol         | 72.2% | d4-2-Chlorophenol | 62.5% |
| d4-1,2-Dichlorobenzene | 66.0% | d5-Nitrobenzene   | 89.8% |
| 2,4,6-Tribromophenol   | P     | d14-p-Terphenyl   | 51.6% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC39-0-1  
SAMPLE

Lab Sample ID: JB82M  
LIMS ID: 06-3262  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/29/06 

QC Report No: JB82-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/16/06  
Date Received: 02/16/06

Date Extracted: 02/28/06  
Date Analyzed: 03/28/06 18:48  
Instrument/Analyst: NT2/VTS  
GPC Cleanup: No  
Silica Gel Cleanup: No

Sample Amount: 25.5 g-dry-wt  
Final Extract Volume: 0.5 mL  
Dilution Factor: 3.00  
Percent Moisture: 27.3%  
pH: 7.3

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | < 5.9 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | < 5.9 U |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | 170 B   |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | 11      |
| 95-48-7    | 2-Methylphenol             | 5.9 | < 5.9 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 13  | < 13 Y  |
| 100-51-6   | Benzyl Alcohol             | 29  | < 29 U  |
| 87-86-5    | Pentachlorophenol          | 29  | < 29 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | < 5.9 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 29  | < 29 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 29  | < 29 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 55.1% | d5-Phenol         | 97.6% |
| 2-Fluorophenol         | 91.2% | d4-2-Chlorophenol | 96.8% |
| d4-1,2-Dichlorobenzene | 76.7% | d5-Nitrobenzene   | 260%  |
| 2,4,6-Tribromophenol   | 66.6% | d14-p-Terphenyl   | 112%  |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC39-1-2  
SAMPLE

Lab Sample ID: JB82N  
LIMS ID: 06-3263  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/29/06

QC Report No: JB82-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/16/06  
Date Received: 02/16/06

Date Extracted: 02/28/06  
Date Analyzed: 03/28/06 19:21  
Instrument/Analyst: NT2/VTS  
GPC Cleanup: No  
Silica Gel Cleanup: No

Sample Amount: 25.1 g-dry-wt  
Final Extract Volume: 0.5 mL  
Dilution Factor: 3.00  
Percent Moisture: 24.2%  
pH: 7.0

| CAS Number     | Analyte                    | RL        | Result       |
|----------------|----------------------------|-----------|--------------|
| 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      |
| <b>65-85-0</b> | <b>Benzoic Acid</b>        | <b>60</b> | <b>140 B</b> |
| 85-68-7        | Butylbenzylphthalate       | 6.0       | < 6.0 U      |
| 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     | 14        | < 14 Y       |
| 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       | 60.8% | d5-Phenol         | 83.2% |
| 2-Fluorophenol         | 86.4% | d4-2-Chlorophenol | 86.4% |
| d4-1,2-Dichlorobenzene | 73.3% | d5-Nitrobenzene   | 236%  |
| 2,4,6-Tribromophenol   | 69.9% | d14-p-Terphenyl   | 110%  |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC39-2-4  
SAMPLE

Lab Sample ID: JB820  
LIMS ID: 06-3264  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/29/06

QC Report No: JB82-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/16/06  
Date Received: 02/16/06

Date Extracted: 02/28/06  
Date Analyzed: 03/28/06 19:54  
Instrument/Analyst: NT2/VTS  
GPC Cleanup: No  
Silica Gel Cleanup: No

Sample Amount: 25.6 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 3.00  
Percent Moisture: 31.9%  
pH: 7.5

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 12  | < 12 U  |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 12  | < 12 U  |
| 118-74-1   | Hexachlorobenzene          | 12  | < 12 U  |
| 87-68-3    | Hexachlorobutadiene        | 12  | < 12 U  |
| 65-85-0    | Benzoic Acid               | 120 | < 120 U |
| 85-68-7    | Butylbenzylphthalate       | 12  | < 12 U  |
| 95-48-7    | 2-Methylphenol             | 12  | < 12 U  |
| 105-67-9   | 2,4-Dimethylphenol         | 12  | < 12 U  |
| 86-30-6    | N-Nitrosodiphenylamine     | 34  | < 34 Y  |
| 100-51-6   | Benzyl Alcohol             | 59  | < 59 U  |
| 87-86-5    | Pentachlorophenol          | 59  | < 59 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 12  | < 12 U  |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 59  | < 59 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 59  | < 59 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 45.4% | d5-Phenol         | 69.8% |
| 2-Fluorophenol         | 61.6% | d4-2-Chlorophenol | 69.9% |
| d4-1,2-Dichlorobenzene | 55.4% | d5-Nitrobenzene   | 102%  |
| 2,4,6-Tribromophenol   | 54.6% | d14-p-Terphenyl   | 86.9% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC40-0-1.3

Page 1 of 1

**SAMPLE**

Lab Sample ID: JC42A

QC Report No: JC42-Windward Environmental, LLC

LIMS ID: 06-3816

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *[Signature]*

Date Sampled: 02/24/06

Reported: 03/29/06

Date Received: 02/24/06

Date Extracted: 03/09/06

Sample Amount: 50.1 g-dry-wt

Date Analyzed: 03/24/06 17:42

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 24.2%

Silica Gel Cleanup: No

pH: 6.7

| CAS Number | Analyte                     | RL         | Result      |
|------------|-----------------------------|------------|-------------|
| 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     |
| 65-85-0    | <b>Benzoic Acid</b>         | <b>60</b>  | <b>80 B</b> |
| 85-68-7    | <b>Butylbenzylphthalate</b> | <b>6.0</b> | <b>10</b>   |
| 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      | 11         | < 11 Y      |
| 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       | 40.3% | d5-Phenol         | 65.2% |
| 2-Fluorophenol         | 59.2% | d4-2-Chlorophenol | 71.3% |
| d4-1,2-Dichlorobenzene | 56.5% | d5-Nitrobenzene   | 86.0% |
| 2,4,6-Tribromophenol   | 33.9% | d14-p-Terphenyl   | 62.6% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC40-1.3-2

Page 1 of 1

**SAMPLE**

Lab Sample ID: JC42B

QC Report No: JC42-Windward Environmental, LLC

LIMS ID: 06-3817


Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/24/06

Reported: 03/29/06 

Date Received: 02/24/06

Date Extracted: 03/09/06

Sample Amount: 50.6 g-dry-wt

Date Analyzed: 03/24/06 18:15

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 19.3%

Silica Gel Cleanup: No

pH: 6.9

| CAS Number     | Analyte                    | RL        | Result      |
|----------------|----------------------------|-----------|-------------|
| 106-46-7       | 1,4-Dichlorobenzene        | 5.9       | < 5.9 U     |
| 120-82-1       | 1,2,4-Trichlorobenzene     | 5.9       | < 5.9 U     |
| 118-74-1       | Hexachlorobenzene          | 5.9       | < 5.9 U     |
| 87-68-3        | Hexachlorobutadiene        | 5.9       | < 5.9 U     |
| <b>65-85-0</b> | <b>Benzoic Acid</b>        | <b>59</b> | <b>71 B</b> |
| 85-68-7        | Butylbenzylphthalate       | 5.9       | < 5.9 U     |
| 95-48-7        | 2-Methylphenol             | 5.9       | < 5.9 U     |
| 105-67-9       | 2,4-Dimethylphenol         | 5.9       | < 5.9 U     |
| 86-30-6        | N-Nitrosodiphenylamine     | 5.9       | < 5.9 U     |
| 100-51-6       | Benzyl Alcohol             | 30        | < 30 U      |
| 87-86-5        | Pentachlorophenol          | 30        | < 30 U      |
| 95-50-1        | 1,2-Dichlorobenzene        | 5.9       | < 5.9 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       | 48.2% | d5-Phenol         | 74.1% |
| 2-Fluorophenol         | 57.1% | d4-2-Chlorophenol | 70.4% |
| d4-1,2-Dichlorobenzene | 67.9% | d5-Nitrobenzene   | 121%  |
| 2,4,6-Tribromophenol   | 28.9% | d14-p-Terphenyl   | 90.8% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC40-2-4

Page 1 of 1

SAMPLE

Lab Sample ID: JC42C

QC Report No: JC42-Windward Environmental, LLC

LIMS ID: 06-3818

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *[Signature]*

Date Sampled: 02/24/06

Reported: 03/29/06

Date Received: 02/24/06

Date Extracted: 03/09/06

Sample Amount: 50.2 g-dry-wt

Date Analyzed: 03/24/06 18:48

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 20.3%

Silica Gel Cleanup: No

pH: 7.1

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 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 |
| 65-85-0    | Benzoic Acid               | 60  | 67 B    |
| 85-68-7    | Butylbenzylphthalate       | 6.0 | < 6.0 U |
| 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       | 35.5% | d5-Phenol         | 52.8% |
| 2-Fluorophenol         | 31.8% | d4-2-Chlorophenol | 40.6% |
| d4-1,2-Dichlorobenzene | 48.1% | d5-Nitrobenzene   | 70.9% |
| 2,4,6-Tribromophenol   | 15.1% | d14-p-Terphenyl   | 67.9% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC41-0-1  
SAMPLE

Lab Sample ID: JC95A  
LIMS ID: 06-4140  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/31/06

QC Report No: JC95-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/21/06  
Date Received: 02/21/06

Date Extracted: 03/07/06  
Date Analyzed: 03/30/06 18:02  
Instrument/Analyst: NT2/VTS  
GPC Cleanup: No  
Silica Gel Cleanup: No

Sample Amount: 25.4 g-dry-wt  
Final Extract Volume: 0.5 mL  
Dilution Factor: 3.00  
Percent Moisture: 53.8%  
pH: 7.2

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | < 5.9 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | < 5.9 U |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | 290     |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | 55      |
| 95-48-7    | 2-Methylphenol             | 5.9 | 3.5 J   |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 28  | < 28 Y  |
| 100-51-6   | Benzyl Alcohol             | 30  | 25 J    |
| 87-86-5    | Pentachlorophenol          | 30  | 23 J    |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | < 5.9 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       | 42.1% | d5-Phenol         | 75.7% |
| 2-Fluorophenol         | 71.4% | d4-2-Chlorophenol | 66.3% |
| d4-1,2-Dichlorobenzene | 63.4% | d5-Nitrobenzene   | 65.6% |
| 2,4,6-Tribromophenol   | 52.5% | d14-p-Terphenyl   | 46.4% |



**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC41-1-2  
SAMPLE

Lab Sample ID: JC95B  
LIMS ID: 06-4141  
Matrix: Sediment  
Data Release Authorized:   
Reported: 03/31/06

QC Report No: JC95-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/21/06  
Date Received: 02/21/06

Date Extracted: 03/07/06  
Date Analyzed: 03/30/06 18:35  
Instrument/Analyst: NT2/VTS  
GPC Cleanup: No  
Silica Gel Cleanup: No

Sample Amount: 25.3 g-dry-wt  
Final Extract Volume: 0.5 mL  
Dilution Factor: 3.00  
Percent Moisture: 49.4%  
pH: 7.4

| CAS Number      | Analyte                     | RL         | Result      |
|-----------------|-----------------------------|------------|-------------|
| 106-46-7        | 1,4-Dichlorobenzene         | 5.9        | < 5.9 U     |
| 120-82-1        | 1,2,4-Trichlorobenzene      | 5.9        | < 5.9 U     |
| 118-74-1        | Hexachlorobenzene           | 5.9        | < 5.9 U     |
| 87-68-3         | Hexachlorobutadiene         | 5.9        | < 5.9 U     |
| <b>65-85-0</b>  | <b>Benzoic Acid</b>         | <b>59</b>  | <b>140</b>  |
| <b>85-68-7</b>  | <b>Butylbenzylphthalate</b> | <b>5.9</b> | <b>15</b>   |
| 95-48-7         | 2-Methylphenol              | 5.9        | < 5.9 U     |
| 105-67-9        | 2,4-Dimethylphenol          | 5.9        | < 5.9 U     |
| 86-30-6         | N-Nitrosodiphenylamine      | 21         | < 21 Y      |
| <b>100-51-6</b> | <b>Benzyl Alcohol</b>       | <b>30</b>  | <b>36</b>   |
| <b>87-86-5</b>  | <b>Pentachlorophenol</b>    | <b>30</b>  | <b>17 J</b> |
| 95-50-1         | 1,2-Dichlorobenzene         | 5.9        | < 5.9 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       | 81.7% | d5-Phenol         | 155%  |
| 2-Fluorophenol         | 129%  | d4-2-Chlorophenol | 129%  |
| d4-1,2-Dichlorobenzene | 119%  | d5-Nitrobenzene   | 122%  |
| 2,4,6-Tribromophenol   | 103%  | d14-p-Terphenyl   | 96.1% |

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC41-2-4**

Page 1 of 1

**SAMPLE**

Lab Sample ID: JC95C


QC Report No: JC95-Windward Environmental, LLC

LIMS ID: 06-4142

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: 

Date Sampled: 02/21/06

Reported: 03/31/06

Date Received: 02/21/06

Date Extracted: 03/07/06

Sample Amount: 25.4 g-dry-wt

Date Analyzed: 03/30/06 19:08

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 49.2%

Silica Gel Cleanup: No

pH: 7.2

| CAS Number | Analyte                     | RL         | Result      |
|------------|-----------------------------|------------|-------------|
| 106-46-7   | 1,4-Dichlorobenzene         | 5.9        | < 5.9 U     |
| 120-82-1   | 1,2,4-Trichlorobenzene      | 5.9        | < 5.9 U     |
| 118-74-1   | Hexachlorobenzene           | 5.9        | < 5.9 U     |
| 87-68-3    | Hexachlorobutadiene         | 5.9        | < 5.9 U     |
| 65-85-0    | <b>Benzoic Acid</b>         | <b>59</b>  | <b>130</b>  |
| 85-68-7    | <b>Butylbenzylphthalate</b> | <b>5.9</b> | <b>18</b>   |
| 95-48-7    | 2-Methylphenol              | 5.9        | < 5.9 U     |
| 105-67-9   | 2,4-Dimethylphenol          | 5.9        | < 5.9 U     |
| 86-30-6    | N-Nitrosodiphenylamine      | 23         | < 23 Y      |
| 100-51-6   | <b>Benzyl Alcohol</b>       | <b>30</b>  | <b>21 J</b> |
| 87-86-5    | <b>Pentachlorophenol</b>    | <b>30</b>  | <b>18 J</b> |
| 95-50-1    | 1,2-Dichlorobenzene         | 5.9        | < 5.9 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       | 41.2% | d5-Phenol         | 76.6% |
| 2-Fluorophenol         | 64.1% | d4-2-Chlorophenol | 64.9% |
| d4-1,2-Dichlorobenzene | 62.5% | d5-Nitrobenzene   | 60.6% |
| 2,4,6-Tribromophenol   | 54.0% | d14-p-Terphenyl   | 41.6% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC41-4-6

Page 1 of 1

**SAMPLE**

Lab Sample ID: JH57J


QC Report No: JH57-Windward Environmental, LLC

LIMS ID: 06-7251

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: 

Date Sampled: 02/21/06

Reported: 05/23/06

Date Received: 02/21/06

Date Extracted: 05/10/06

Sample Amount: 30.8 g-dry-wt

Date Analyzed: 05/18/06 14:03

Final Extract Volume: 2.0 mL

Instrument/Analyst: /PK

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 51.7%

Silica Gel Cleanup: No

pH: 7.4

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.5 | 96      |
| 106-46-7   | 1,4-Dichlorobenzene        | 6.5 | 3.9 J   |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 6.5 | < 6.5 U |
| 118-74-1   | Hexachlorobenzene          | 6.5 | < 6.5 U |
| 87-68-3    | Hexachlorobutadiene        | 6.5 | < 6.5 U |
| 131-11-3   | Dimethylphthalate          | 6.5 | 20      |
| 85-68-7    | Butylbenzylphthalate       | 6.5 | 32      |
| 95-48-7    | 2-Methylphenol             | 6.5 | < 6.5 U |
| 105-67-9   | 2,4-Dimethylphenol         | 6.5 | < 6.5 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 37  | < 37 Y  |
| 100-51-6   | Benzyl Alcohol             | 32  | < 32 U  |
| 87-86-5    | Pentachlorophenol          | 32  | 40      |
| 95-50-1    | 1,2-Dichlorobenzene        | 6.5 | < 6.5 U |
| 541-73-1   | 1,3-Dichlorobenzene        | 6.5 | < 6.5 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 32  | < 32 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 32  | < 32 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 85.6% | d5-Phenol         | 77.1% |
| 2-Fluorophenol         | 81.9% | d4-2-Chlorophenol | 68.3% |
| d4-1,2-Dichlorobenzene | 65.6% | d5-Nitrobenzene   | 93.2% |
| 2,4,6-Tribromophenol   | 84.0% | d14-p-Terphenyl   | 54.8% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC42-0-1  
SAMPLE

Lab Sample ID: JA90F  
LIMS ID: 06-2360  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/15/06

QC Report No: JA90-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/08/06  
Date Received: 02/08/06

Date Extracted: 02/15/06  
Date Analyzed: 02/21/06 18:36  
Instrument/Analyst: NT6/PK  
GPC Cleanup: No  
Silica Gel Cleanup: No

Sample Amount: 25.2 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 3.00  
Percent Moisture: 50.0%  
pH: 6.8

| CAS Number | Analyte                     | RL         | Result      |
|------------|-----------------------------|------------|-------------|
| 106-46-7   | 1,4-Dichlorobenzene         | 12         | < 12 U      |
| 120-82-1   | 1,2,4-Trichlorobenzene      | 12         | < 12 U      |
| 118-74-1   | Hexachlorobenzene           | 12         | < 12 U      |
| 87-68-3    | Hexachlorobutadiene         | 12         | < 12 U      |
| 65-85-0    | <b>Benzoic Acid</b>         | <b>120</b> | <b>140</b>  |
| 85-68-7    | <b>Butylbenzylphthalate</b> | <b>12</b>  | <b>20 B</b> |
| 95-48-7    | 2-Methylphenol              | 12         | < 12 U      |
| 105-67-9   | 2,4-Dimethylphenol          | 12         | < 12 U      |
| 86-30-6    | N-Nitrosodiphenylamine      | 16         | < 16 Y      |
| 100-51-6   | Benzyl Alcohol              | 60         | < 60 U      |
| 87-86-5    | Pentachlorophenol           | 60         | < 60 U      |
| 95-50-1    | 1,2-Dichlorobenzene         | 12         | < 12 U      |
| 621-64-7   | N-Nitroso-Di-N-Propylamine  | 60         | < 60 U      |
| 62-75-9    | N-Nitrosodimethylamine      | 60         | < 60 U      |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 74.9% | d5-Phenol         | 79.5% |
| 2-Fluorophenol         | 79.4% | d4-2-Chlorophenol | 97.9% |
| d4-1,2-Dichlorobenzene | 64.1% | d5-Nitrobenzene   | 67.7% |
| 2,4,6-Tribromophenol   | 97.8% | d14-p-Terphenyl   | 61.0% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC42-1-2

Page 1 of 1

SAMPLE

Lab Sample ID: JA90G

QC Report No: JA90-Windward Environmental, LLC

LIMS ID: 06-2361

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/08/06

Reported: 03/15/06

Date Received: 02/08/06

Date Extracted: 02/15/06

Sample Amount: 25.2 g-dry-wt

Date Analyzed: 02/21/06 19:08

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 47.8%

Silica Gel Cleanup: No

pH: 7.4

| CAS Number | Analyte                    | RL  | Result |
|------------|----------------------------|-----|--------|
| 106-46-7   | 1,4-Dichlorobenzene        | 12  | < 12 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 12  | < 12 U |
| 118-74-1   | Hexachlorobenzene          | 12  | < 12 U |
| 87-68-3    | Hexachlorobutadiene        | 12  | < 12 U |
| 65-85-0    | Benzoic Acid               | 120 | 150    |
| 85-68-7    | Butylbenzylphthalate       | 12  | 36 B   |
| 95-48-7    | 2-Methylphenol             | 12  | < 12 U |
| 105-67-9   | 2,4-Dimethylphenol         | 12  | < 12 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 20  | < 20 Y |
| 100-51-6   | Benzyl Alcohol             | 60  | < 60 U |
| 87-86-5    | Pentachlorophenol          | 60  | < 60 U |
| 95-50-1    | 1,2-Dichlorobenzene        | 12  | < 12 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 60  | < 60 U |
| 62-75-9    | N-Nitrosodimethylamine     | 60  | < 60 U |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 69.4% | d5-Phenol         | 73.9% |
| 2-Fluorophenol         | 73.3% | d4-2-Chlorophenol | 89.6% |
| d4-1,2-Dichlorobenzene | 62.2% | d5-Nitrobenzene   | 65.5% |
| 2,4,6-Tribromophenol   | 87.0% | d14-p-Terphenyl   | 53.3% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC42-2-4

Page 1 of 1

SAMPLE

Lab Sample ID: JA90H

QC Report No: JA90-Windward Environmental, LLC

LIMS ID: 06-2362

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/08/06

Reported: 03/15/06

Date Received: 02/08/06

Date Extracted: 02/15/06

Sample Amount: 25.3 g-dry-wt

Date Analyzed: 02/21/06 19:41

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 47.9%

Silica Gel Cleanup: No

pH: 7.1

| CAS Number | Analyte                     | RL         | Result       |
|------------|-----------------------------|------------|--------------|
| 106-46-7   | 1,4-Dichlorobenzene         | 12         | < 12 U       |
| 120-82-1   | 1,2,4-Trichlorobenzene      | 12         | < 12 U       |
| 118-74-1   | Hexachlorobenzene           | 12         | < 12 U       |
| 87-68-3    | Hexachlorobutadiene         | 12         | < 12 U       |
| 65-85-0    | <b>Benzoic Acid</b>         | <b>120</b> | <b>120 J</b> |
| 85-68-7    | <b>Butylbenzylphthalate</b> | <b>12</b>  | <b>22 B</b>  |
| 95-48-7    | 2-Methylphenol              | 12         | < 12 U       |
| 105-67-9   | 2,4-Dimethylphenol          | 12         | < 12 U       |
| 86-30-6    | N-Nitrosodiphenylamine      | 26         | < 26 Y       |
| 100-51-6   | Benzyl Alcohol              | 59         | < 59 U       |
| 87-86-5    | Pentachlorophenol           | 59         | < 59 U       |
| 95-50-1    | 1,2-Dichlorobenzene         | 12         | < 12 U       |
| 621-64-7   | N-Nitroso-Di-N-Propylamine  | 59         | < 59 U       |
| 62-75-9    | N-Nitrosodimethylamine      | 59         | < 59 U       |

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


**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 67.4% | d5-Phenol         | 72.8% |
| 2-Fluorophenol         | 69.6% | d4-2-Chlorophenol | 74.9% |
| d4-1,2-Dichlorobenzene | 59.3% | d5-Nitrobenzene   | 63.1% |
| 2,4,6-Tribromophenol   | 84.2% | d14-p-Terphenyl   | 52.8% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC43-0-2  
SAMPLE

Lab Sample ID: JC32A  
LIMS ID: 06-3681  
Matrix: Sediment  
Data Release Authorized:   
Reported: 03/31/06

QC Report No: JC32-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/23/06  
Date Received: 02/23/06

Date Extracted: 03/07/06  
Date Analyzed: 03/28/06 21:34  
Instrument/Analyst: NT2/VTS  
GPC Cleanup: No  
Silica Gel Cleanup: No

Sample Amount: 25.3 g-dry-wt  
Final Extract Volume: 0.5 mL  
Dilution Factor: 3.00  
Percent Moisture: 29.9%  
pH: 7.2

| CAS Number     | Analyte                    | RL        | Result     |
|----------------|----------------------------|-----------|------------|
| 106-46-7       | 1,4-Dichlorobenzene        | 5.9       | < 5.9 U    |
| 120-82-1       | 1,2,4-Trichlorobenzene     | 5.9       | < 5.9 U    |
| 118-74-1       | Hexachlorobenzene          | 5.9       | < 5.9 U    |
| 87-68-3        | Hexachlorobutadiene        | 5.9       | < 5.9 U    |
| <b>65-85-0</b> | <b>Benzoic Acid</b>        | <b>59</b> | <b>150</b> |
| 85-68-7        | Butylbenzylphthalate       | 5.9       | < 5.9 U    |
| 95-48-7        | 2-Methylphenol             | 5.9       | < 5.9 U    |
| 105-67-9       | 2,4-Dimethylphenol         | 5.9       | < 5.9 U    |
| 86-30-6        | N-Nitrosodiphenylamine     | 9.5       | < 9.5 Y    |
| 100-51-6       | Benzyl Alcohol             | 30        | < 30 U     |
| 87-86-5        | Pentachlorophenol          | 30        | < 30 U     |
| 95-50-1        | 1,2-Dichlorobenzene        | 5.9       | < 5.9 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       | 48.0% | d5-Phenol         | 62.1% |
| 2-Fluorophenol         | 54.7% | d4-2-Chlorophenol | 64.1% |
| d4-1,2-Dichlorobenzene | 60.4% | d5-Nitrobenzene   | 162%  |
| 2,4,6-Tribromophenol   | 54.2% | d14-p-Terphenyl   | 93.1% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC43-2-4  
SAMPLE

Lab Sample ID: JC32B  
LIMS ID: 06-3682  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/31/06

QC Report No: JC32-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/23/06  
Date Received: 02/23/06

Date Extracted: 03/07/06  
Date Analyzed: 03/28/06 22:07  
Instrument/Analyst: NT2/VTS  
GPC Cleanup: No  
Silica Gel Cleanup: No

Sample Amount: 25.8 g-dry-wt  
Final Extract Volume: 0.5 mL  
Dilution Factor: 3.00  
Percent Moisture: 24.3%  
pH: 7.6

| CAS Number | Analyte                    | RL        | Result     |
|------------|----------------------------|-----------|------------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.8       | < 5.8 U    |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.8       | < 5.8 U    |
| 118-74-1   | Hexachlorobenzene          | 5.8       | < 5.8 U    |
| 87-68-3    | Hexachlorobutadiene        | 5.8       | < 5.8 U    |
| 65-85-0    | <b>Benzoic Acid</b>        | <b>58</b> | <b>130</b> |
| 85-68-7    | Butylbenzylphthalate       | 5.8       | < 5.8 U    |
| 95-48-7    | 2-Methylphenol             | 5.8       | < 5.8 U    |
| 105-67-9   | 2,4-Dimethylphenol         | 5.8       | < 5.8 U    |
| 86-30-6    | N-Nitrosodiphenylamine     | 5.8       | < 5.8 U    |
| 100-51-6   | Benzyl Alcohol             | 29        | < 29 U     |
| 87-86-5    | Pentachlorophenol          | 29        | < 29 U     |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.8       | < 5.8 U    |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 29        | < 29 U     |
| 62-75-9    | N-Nitrosodimethylamine     | 29        | < 29 U     |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 47.0% | d5-Phenol         | 65.4% |
| 2-Fluorophenol         | 73.8% | d4-2-Chlorophenol | 79.5% |
| d4-1,2-Dichlorobenzene | 63.0% | d5-Nitrobenzene   | 196%  |
| 2,4,6-Tribromophenol   | 44.6% | d14-p-Terphenyl   | 102%  |



**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC44-0-2  
SAMPLE

Lab Sample ID: JC95D  
LIMS ID: 06-4143  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/31/06

QC Report No: JC95-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/21/06  
Date Received: 02/21/06

Date Extracted: 03/07/06  
Date Analyzed: 03/30/06 19:42  
Instrument/Analyst: NT2/VTS  
GPC Cleanup: No  
Silica Gel Cleanup: No

Sample Amount: 25.2 g-dry-wt.  
Final Extract Volume: 0.5 mL  
Dilution Factor: 3.00  
Percent Moisture: 40.1%  
pH: 7.9

| CAS Number     | Analyte                    | RL        | Result    |
|----------------|----------------------------|-----------|-----------|
| 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   |
| <b>65-85-0</b> | <b>Benzoic Acid</b>        | <b>60</b> | <b>80</b> |
| 85-68-7        | Butylbenzylphthalate       | 6.0       | < 6.0 U   |
| 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     | 43        | < 43 Y    |
| 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       | 32.3% | d5-Phenol         | 60.2% |
| 2-Fluorophenol         | 47.5% | d4-2-Chlorophenol | 49.9% |
| d4-1,2-Dichlorobenzene | 48.5% | d5-Nitrobenzene   | 49.2% |
| 2,4,6-Tribromophenol   | 40.6% | d14-p-Terphenyl   | 40.3% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC44-2-3.2  
SAMPLE

Lab Sample ID: JC95E  
LIMS ID: 06-4144  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/31/06

QC Report No: JC95-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/21/06  
Date Received: 02/21/06

Date Extracted: 03/07/06  
Date Analyzed: 03/30/06 20:15  
Instrument/Analyst: NT2/VTS  
GPC Cleanup: No  
Silica Gel Cleanup: No

Sample Amount: 25.5 g-dry-wt  
Final Extract Volume: 0.5 mL  
Dilution Factor: 3.00  
Percent Moisture: 39.3%  
pH: 7.7

| CAS Number     | Analyte                    | RL        | Result    |
|----------------|----------------------------|-----------|-----------|
| 106-46-7       | 1,4-Dichlorobenzene        | 5.9       | < 5.9 U   |
| 120-82-1       | 1,2,4-Trichlorobenzene     | 5.9       | < 5.9 U   |
| 118-74-1       | Hexachlorobenzene          | 5.9       | < 5.9 U   |
| 87-68-3        | Hexachlorobutadiene        | 5.9       | < 5.9 U   |
| <b>65-85-0</b> | <b>Benzoic Acid</b>        | <b>59</b> | <b>81</b> |
| 85-68-7        | Butylbenzylphthalate       | 5.9       | < 5.9 U   |
| 95-48-7        | 2-Methylphenol             | 5.9       | < 5.9 U   |
| 105-67-9       | 2,4-Dimethylphenol         | 5.9       | < 5.9 U   |
| 86-30-6        | N-Nitrosodiphenylamine     | 96        | < 96 Y    |
| 100-51-6       | Benzyl Alcohol             | 29        | < 29 U    |
| 87-86-5        | Pentachlorophenol          | 29        | < 29 U    |
| 95-50-1        | 1,2-Dichlorobenzene        | 5.9       | < 5.9 U   |
| 621-64-7       | N-Nitroso-Di-N-Propylamine | 29        | < 29 U    |
| 62-75-9        | N-Nitrosodimethylamine     | 29        | < 29 U    |

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


**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 39.0% | d5-Phenol         | 60.2% |
| 2-Fluorophenol         | 46.2% | d4-2-Chlorophenol | 51.5% |
| d4-1,2-Dichlorobenzene | 46.6% | d5-Nitrobenzene   | 49.4% |
| 2,4,6-Tribromophenol   | 38.3% | d14-p-Terphenyl   | 43.4% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC44-3.2-4  
SAMPLE

Lab Sample ID: JC95F  
LIMS ID: 06-4145  
Matrix: Sediment  
Data Release Authorized:   
Reported: 03/31/06

QC Report No: JC95-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/21/06  
Date Received: 02/21/06

Date Extracted: 03/07/06  
Date Analyzed: 03/30/06 20:48  
Instrument/Analyst: NT2/VTS  
GPC Cleanup: No  
Silica Gel Cleanup: No

Sample Amount: 25.5 g-dry-wt  
Final Extract Volume: 0.5 mL  
Dilution Factor: 3.00  
Percent Moisture: 20.3%  
pH: 7.6

| CAS Number     | Analyte                    | RL        | Result      |
|----------------|----------------------------|-----------|-------------|
| 106-46-7       | 1,4-Dichlorobenzene        | 5.9       | < 5.9 U     |
| 120-82-1       | 1,2,4-Trichlorobenzene     | 5.9       | < 5.9 U     |
| 118-74-1       | Hexachlorobenzene          | 5.9       | < 5.9 U     |
| 87-68-3        | Hexachlorobutadiene        | 5.9       | < 5.9 U     |
| <b>65-85-0</b> | <b>Benzoic Acid</b>        | <b>59</b> | <b>48 J</b> |
| 85-68-7        | Butylbenzylphthalate       | 5.9       | < 5.9 U     |
| 95-48-7        | 2-Methylphenol             | 5.9       | < 5.9 U     |
| 105-67-9       | 2,4-Dimethylphenol         | 5.9       | < 5.9 U     |
| 86-30-6        | N-Nitrosodiphenylamine     | 5.9       | < 5.9 U     |
| 100-51-6       | Benzyl Alcohol             | 29        | < 29 U      |
| 87-86-5        | Pentachlorophenol          | 29        | < 29 U      |
| 95-50-1        | 1,2-Dichlorobenzene        | 5.9       | < 5.9 U     |
| 621-64-7       | N-Nitroso-Di-N-Propylamine | 29        | < 29 U      |
| 62-75-9        | N-Nitrosodimethylamine     | 29        | < 29 U      |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 30.5% | d5-Phenol         | 53.4% |
| 2-Fluorophenol         | 47.7% | d4-2-Chlorophenol | 46.7% |
| d4-1,2-Dichlorobenzene | 47.2% | d5-Nitrobenzene   | 46.3% |
| 2,4,6-Tribromophenol   | 38.2% | d14-p-Terphenyl   | 44.5% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC45-0-1  
SAMPLE

Lab Sample ID: JC10U  
LIMS ID: 06-3473  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/27/06

QC Report No: JC10-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/21/06  
Date Received: 02/21/06

Date Extracted: 03/02/06  
Date Analyzed: 03/20/06 16:49  
Instrument/Analyst: NT2/PK  
GPC Cleanup: No  
Silica Gel Cleanup: No

Sample Amount: 25.4 g-dry-wt  
Final Extract Volume: 0.5 mL  
Dilution Factor: 3.00  
Percent Moisture: 54.3%  
pH: 6.8

| CAS Number | Analyte                     | RL         | Result     |
|------------|-----------------------------|------------|------------|
| 106-46-7   | 1,4-Dichlorobenzene         | 5.9        | < 5.9 U    |
| 120-82-1   | 1,2,4-Trichlorobenzene      | 5.9        | < 5.9 U    |
| 118-74-1   | Hexachlorobenzene           | 5.9        | < 5.9 U    |
| 87-68-3    | Hexachlorobutadiene         | 5.9        | < 5.9 U    |
| 65-85-0    | <b>Benzoic Acid</b>         | <b>59</b>  | <b>150</b> |
| 85-68-7    | <b>Butylbenzylphthalate</b> | <b>5.9</b> | <b>33</b>  |
| 95-48-7    | 2-Methylphenol              | 5.9        | < 5.9 U    |
| 105-67-9   | 2,4-Dimethylphenol          | 5.9        | < 5.9 U    |
| 86-30-6    | N-Nitrosodiphenylamine      | 21         | < 21 Y     |
| 100-51-6   | Benzyl Alcohol              | 30         | < 30 U     |
| 87-86-5    | Pentachlorophenol           | 30         | < 30 U     |
| 95-50-1    | 1,2-Dichlorobenzene         | 5.9        | < 5.9 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       | 98.5% | d5-Phenol         | 59.5% |
| 2-Fluorophenol         | 70.5% | d4-2-Chlorophenol | 54.6% |
| d4-1,2-Dichlorobenzene | 58.8% | d5-Nitrobenzene   | 64.3% |
| 2,4,6-Tribromophenol   | 155%  | d14-p-Terphenyl   | 45.5% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC45-0-1

Page 1 of 1

DILUTION

Lab Sample ID: JC10U

QC Report No: JC10-Windward Environmental, LLC

LIMS ID: 06-3473

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/21/06

Reported: 03/27/06

Date Received: 02/21/06

Date Extracted: 03/02/06

Sample Amount: 25.4 g-dry-wt

Date Analyzed: 03/22/06 16:51

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 10.0

GPC Cleanup: No

Percent Moisture: 54.3%

Silica Gel Cleanup: No

pH: 6.8

| CAS Number     | Analyte                     | RL        | Result    |
|----------------|-----------------------------|-----------|-----------|
| 106-46-7       | 1,4-Dichlorobenzene         | 20        | < 20 U    |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 20        | < 20 U    |
| 118-74-1       | Hexachlorobenzene           | 20        | < 20 U    |
| 87-68-3        | Hexachlorobutadiene         | 20        | < 20 U    |
| 65-85-0        | Benzoic Acid                | 200       | < 200 U   |
| <b>85-68-7</b> | <b>Butylbenzylphthalate</b> | <b>20</b> | <b>20</b> |
| 95-48-7        | 2-Methylphenol              | 20        | < 20 U    |
| 105-67-9       | 2,4-Dimethylphenol          | 20        | < 20 U    |
| 86-30-6        | N-Nitrosodiphenylamine      | 24        | < 24 Y    |
| 100-51-6       | Benzyl Alcohol              | 98        | < 98 U    |
| 87-86-5        | Pentachlorophenol           | 98        | < 98 U    |
| 95-50-1        | 1,2-Dichlorobenzene         | 20        | < 20 U    |
| 621-64-7       | N-Nitroso-Di-N-Propylamine  | 98        | < 98 U    |
| 62-75-9        | N-Nitrosodimethylamine      | 98        | < 98 U    |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 69.2% | d5-Phenol         | 57.9% |
| 2-Fluorophenol         | 60.5% | d4-2-Chlorophenol | 61.6% |
| d4-1,2-Dichlorobenzene | 52.8% | d5-Nitrobenzene   | 54.8% |
| 2,4,6-Tribromophenol   | 64.5% | d14-p-Terphenyl   | 42.0% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC45-1-2

Page 1 of 1

**SAMPLE**

Lab Sample ID: JC10V

QC Report No: JC10-Windward Environmental, LLC

LIMS ID: 06-3474

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/21/06

Reported: 03/27/06

Date Received: 02/21/06

Date Extracted: 03/02/06

Sample Amount: 25.1 g-dry-wt

Date Analyzed: 03/20/06 17:22

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT2/PK

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 44.3%

Silica Gel Cleanup: No

pH: 7.4

| CAS Number | Analyte                     | RL         | Result     |
|------------|-----------------------------|------------|------------|
| 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    |
| 65-85-0    | <b>Benzoic Acid</b>         | <b>60</b>  | <b>100</b> |
| 85-68-7    | <b>Butylbenzylphthalate</b> | <b>6.0</b> | <b>24</b>  |
| 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      | 17         | < 17 Y     |
| 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 µg/kg (ppb)

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 117%  | d5-Phenol         | 58.2% |
| 2-Fluorophenol         | 60.7% | d4-2-Chlorophenol | 52.3% |
| d4-1,2-Dichlorobenzene | 56.4% | d5-Nitrobenzene   | 63.8% |
| 2,4,6-Tribromophenol   | 191%  | d14-p-Terphenyl   | 43.2% |

0037

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC45-1-2**

Page 1 of 1

**DILUTION**

Lab Sample ID: JC10V

QC Report No: JC10-Windward Environmental, LLC

LIMS ID: 06-3474


Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/21/06

Reported: 03/27/06 

Date Received: 02/21/06

Date Extracted: 03/02/06

Sample Amount: 25.1 g-dry-wt

Date Analyzed: 03/22/06 17:24

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 10.0

GPC Cleanup: No

Percent Moisture: 44.3%

Silica Gel Cleanup: No

pH: 7.4

| CAS Number     | Analyte                     | RL        | Result      |
|----------------|-----------------------------|-----------|-------------|
| 106-46-7       | 1,4-Dichlorobenzene         | 20        | < 20 U      |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 20        | < 20 U      |
| 118-74-1       | Hexachlorobenzene           | 20        | < 20 U      |
| 87-68-3        | Hexachlorobutadiene         | 20        | < 20 U      |
| 65-85-0        | Benzoic Acid                | 200       | < 200 U     |
| <b>85-68-7</b> | <b>Butylbenzylphthalate</b> | <b>20</b> | <b>18 J</b> |
| 95-48-7        | 2-Methylphenol              | 20        | < 20 U      |
| 105-67-9       | 2,4-Dimethylphenol          | 20        | < 20 U      |
| 86-30-6        | N-Nitrosodiphenylamine      | 20        | < 20 U      |
| 100-51-6       | Benzyl Alcohol              | 100       | < 100 U     |
| 87-86-5        | Pentachlorophenol           | 100       | < 100 U     |
| 95-50-1        | 1,2-Dichlorobenzene         | 20        | < 20 U      |
| 621-64-7       | N-Nitroso-Di-N-Propylamine  | 100       | < 100 U     |
| 62-75-9        | N-Nitrosodimethylamine      | 100       | < 100 U     |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 53.2% | d5-Phenol         | 53.9% |
| 2-Fluorophenol         | 54.7% | d4-2-Chlorophenol | 57.3% |
| d4-1,2-Dichlorobenzene | 52.8% | d5-Nitrobenzene   | 48.4% |
| 2,4,6-Tribromophenol   | 47.5% | d14-p-Terphenyl   | 39.2% |

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC45-2-4**

Page 1 of 1

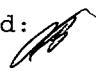
**SAMPLE**

Lab Sample ID: JC10W

LIMS ID: 06-3475

Matrix: Sediment

Data Release Authorized:

Reported: 03/27/06 

QC Report No: JC10-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

Event: 05-08-06-32

Date Sampled: 02/21/06

Date Received: 02/21/06

Date Extracted: 03/02/06

Date Analyzed: 03/20/06 17:56

Instrument/Analyst: NT2/PK

GPC Cleanup: No

Silica Gel Cleanup: No

Sample Amount: 25.3 g-dry-wt

Final Extract Volume: 0.5 mL

Dilution Factor: 3.00

Percent Moisture: 44.1%

pH: 7.6

| CAS Number | Analyte                     | RL         | Result       |
|------------|-----------------------------|------------|--------------|
| 106-46-7   | 1,4-Dichlorobenzene         | 5.9        | < 5.9 U      |
| 120-82-1   | 1,2,4-Trichlorobenzene      | 5.9        | < 5.9 U      |
| 118-74-1   | Hexachlorobenzene           | 5.9        | < 5.9 U      |
| 87-68-3    | Hexachlorobutadiene         | 5.9        | < 5.9 U      |
| 65-85-0    | <b>Benzoic Acid</b>         | <b>59</b>  | <b>130</b>   |
| 85-68-7    | <b>Butylbenzylphthalate</b> | <b>5.9</b> | <b>26</b>    |
| 95-48-7    | <b>2-Methylphenol</b>       | <b>5.9</b> | <b>4.7 J</b> |
| 105-67-9   | 2,4-Dimethylphenol          | 5.9        | < 5.9 U      |
| 86-30-6    | N-Nitrosodiphenylamine      | 40         | < 40 Y       |
| 100-51-6   | Benzyl Alcohol              | 30         | < 30 U       |
| 87-86-5    | <b>Pentachlorophenol</b>    | <b>30</b>  | <b>85</b>    |
| 95-50-1    | 1,2-Dichlorobenzene         | 5.9        | < 5.9 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       | 101%  | d5-Phenol         | 50.7% |
| 2-Fluorophenol         | 53.7% | d4-2-Chlorophenol | 47.7% |
| d4-1,2-Dichlorobenzene | 50.6% | d5-Nitrobenzene   | 69.0% |
| 2,4,6-Tribromophenol   | 170%  | d14-p-Terphenyl   | 37.0% |



**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC45-2-4  
DILUTION

Lab Sample ID: JC10W  
LIMS ID: 06-3475  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/27/06

QC Report No: JC10-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/21/06  
Date Received: 02/21/06

Date Extracted: 03/02/06  
Date Analyzed: 03/22/06 17:57  
Instrument/Analyst: NT2/VTS  
GPC Cleanup: No  
Silica Gel Cleanup: No

Sample Amount: 25.3 g-dry-wt  
Final Extract Volume: 0.5 mL  
Dilution Factor: 10.0  
Percent Moisture: 44.1%  
pH: 7.6

| CAS Number     | Analyte                     | RL        | Result    |
|----------------|-----------------------------|-----------|-----------|
| 106-46-7       | 1,4-Dichlorobenzene         | 20        | < 20 U    |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 20        | < 20 U    |
| 118-74-1       | Hexachlorobenzene           | 20        | < 20 U    |
| 87-68-3        | Hexachlorobutadiene         | 20        | < 20 U    |
| 65-85-0        | Benzoic Acid                | 200       | < 200 U   |
| <b>85-68-7</b> | <b>Butylbenzylphthalate</b> | <b>20</b> | <b>20</b> |
| 95-48-7        | 2-Methylphenol              | 20        | < 20 U    |
| 105-67-9       | 2,4-Dimethylphenol          | 20        | < 20 U    |
| 86-30-6        | N-Nitrosodiphenylamine      | 42        | < 42 Y    |
| 100-51-6       | Benzyl Alcohol              | 99        | < 99 U    |
| 87-86-5        | Pentachlorophenol           | 99        | < 99 U    |
| 95-50-1        | 1,2-Dichlorobenzene         | 20        | < 20 U    |
| 621-64-7       | N-Nitroso-Di-N-Propylamine  | 99        | < 99 U    |
| 62-75-9        | N-Nitrosodimethylamine      | 99        | < 99 U    |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 49.6% | d5-Phenol         | 49.9% |
| 2-Fluorophenol         | 53.3% | d4-2-Chlorophenol | 52.8% |
| d4-1,2-Dichlorobenzene | 46.4% | d5-Nitrobenzene   | 41.2% |
| 2,4,6-Tribromophenol   | 46.7% | d14-p-Terphenyl   | 34.4% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC46-0-1

Page 1 of 1

**SAMPLE**

Lab Sample ID: JC42Z


QC Report No: JC42-Windward Environmental, LLC

LIMS ID: 06-3841

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: 

Date Sampled: 02/24/06

Reported: 03/29/06

Date Received: 02/24/06

Date Extracted: 03/09/06

Sample Amount: 50.1 g-dry-wt

Date Analyzed: 03/27/06 16:22

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 42.5%

Silica Gel Cleanup: No

pH: 7.3

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 6.0 | 3.0 J   |
| 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 |
| 65-85-0    | Benzoic Acid               | 60  | 220 B   |
| 85-68-7    | Butylbenzylphthalate       | 6.0 | 34      |
| 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     | 62  | < 62 Y  |
| 100-51-6   | Benzyl Alcohol             | 30  | 18 J    |
| 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       | 29.8% | d5-Phenol         | 76.3% |
| 2-Fluorophenol         | 61.8% | d4-2-Chlorophenol | 71.5% |
| d4-1,2-Dichlorobenzene | 55.9% | d5-Nitrobenzene   | 162%  |
| 2,4,6-Tribromophenol   | 28.3% | d14-p-Terphenyl   | 65.4% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC46-1-2

Page 1 of 1

SAMPLE

Lab Sample ID: JC42AA

QC Report No: JC42-Windward Environmental, LLC

LIMS ID: 06-3842

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/24/06

Reported: 03/29/06

Date Received: 02/24/06

Date Extracted: 03/09/06

Sample Amount: 50.7 g-dry-wt

Date Analyzed: 03/27/06 16:56

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 40.2%

Silica Gel Cleanup: No

pH: 8.0

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | 5.3 J   |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | 7.1     |
| 118-74-1   | Hexachlorobenzene          | 5.9 | 10      |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | 450 B   |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | 21      |
| 95-48-7    | 2-Methylphenol             | 5.9 | < 5.9 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 29  | < 29 Y  |
| 100-51-6   | Benzyl Alcohol             | 30  | 64 M    |
| 87-86-5    | Pentachlorophenol          | 30  | < 30 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | < 5.9 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       | 29.3% | d5-Phenol         | 70.4% |
| 2-Fluorophenol         | 60.2% | d4-2-Chlorophenol | 68.4% |
| d4-1,2-Dichlorobenzene | 54.8% | d5-Nitrobenzene   | 170%  |
| 2,4,6-Tribromophenol   | 26.9% | d14-p-Terphenyl   | 57.5% |

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC46-2-4**

Page 1 of 1

**SAMPLE**

Lab Sample ID: JC42AB

QC Report No: JC42-Windward Environmental, LLC

LIMS ID: 06-3843

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/24/06

Reported: 03/29/06

Date Received: 02/24/06

Date Extracted: 03/09/06

Sample Amount: 50.3 g-dry-wt

Date Analyzed: 03/28/06 16:01

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 44.2%

Silica Gel Cleanup: No

pH: 7.6

| CAS Number | Analyte                     | RL         | Result       |
|------------|-----------------------------|------------|--------------|
| 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      |
| 65-85-0    | <b>Benzoic Acid</b>         | <b>60</b>  | <b>210 B</b> |
| 85-68-7    | <b>Butylbenzylphthalate</b> | <b>6.0</b> | <b>23</b>    |
| 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      | 36         | < 36 Y       |
| 100-51-6   | <b>Benzyl Alcohol</b>       | <b>30</b>  | <b>21 J</b>  |
| 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       | 48.1% | d5-Phenol         | 59.4% |
| 2-Fluorophenol         | 54.7% | d4-2-Chlorophenol | 61.7% |
| d4-1,2-Dichlorobenzene | 49.3% | d5-Nitrobenzene   | 109%  |
| 2,4,6-Tribromophenol   | 60.6% | d14-p-Terphenyl   | 56.4% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC47-0-1  
SAMPLE

Lab Sample ID: JC32AI  
LIMS ID: 06-3715  
Matrix: Sediment  
Data Release Authorized: *[Signature]*  
Reported: 03/31/06

QC Report No: JC32-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/23/06  
Date Received: 02/23/06

Date Extracted: 03/07/06  
Date Analyzed: 03/29/06 22:57  
Instrument/Analyst: NT2/VTS  
GPC Cleanup: No  
Silica Gel Cleanup: No

Sample Amount: 25.6 g-dry-wt  
Final Extract Volume: 0.5 mL  
Dilution Factor: 3.00  
Percent Moisture: 30.9%  
pH: 7.0

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | < 5.9 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | < 5.9 U |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | 110     |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | 7.0     |
| 95-48-7    | 2-Methylphenol             | 5.9 | < 5.9 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 8.2 | < 8.2 Y |
| 100-51-6   | Benzyl Alcohol             | 29  | < 29 U  |
| 87-86-5    | Pentachlorophenol          | 29  | < 29 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | < 5.9 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 29  | < 29 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 29  | < 29 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 72.4% | d5-Phenol         | 60.6% |
| 2-Fluorophenol         | 76.5% | d4-2-Chlorophenol | 62.6% |
| d4-1,2-Dichlorobenzene | 61.6% | d5-Nitrobenzene   | 71.0% |
| 2,4,6-Tribromophenol   | 87.2% | d14-p-Terphenyl   | 60.1% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC47-1-2

Page 1 of 1

**SAMPLE**

Lab Sample ID: JC32AJ

QC Report No: JC32-Windward Environmental, LLC

LIMS ID: 06-3716

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *AS*

Date Sampled: 02/23/06

Reported: 03/31/06

Date Received: 02/23/06

Date Extracted: 03/07/06

Sample Amount: 25.6 g-dry-wt

Date Analyzed: 03/29/06 23:30

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 37.6%

Silica Gel Cleanup: No

pH: 7.4

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | 5.3 J   |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | < 5.9 U |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | 130     |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | 28      |
| 95-48-7    | 2-Methylphenol             | 5.9 | < 5.9 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 38  | < 38 Y  |
| 100-51-6   | Benzyl Alcohol             | 29  | < 29 U  |
| 87-86-5    | Pentachlorophenol          | 29  | < 29 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | 2.9 J   |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 29  | < 29 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 29  | < 29 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 61.8% | d5-Phenol         | 67.2% |
| 2-Fluorophenol         | 71.4% | d4-2-Chlorophenol | 68.2% |
| d4-1,2-Dichlorobenzene | 64.7% | d5-Nitrobenzene   | 73.4% |
| 2,4,6-Tribromophenol   | 74.9% | d14-p-Terphenyl   | 56.6% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC47-2-3

Page 1 of 1

SAMPLE

Lab Sample ID: JC32AK

QC Report No: JC32-Windward Environmental, LLC

LIMS ID: 06-3717

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/23/06

Reported: 03/31/06

Date Received: 02/23/06

Date Extracted: 03/07/06

Sample Amount: 25.3 g-dry-wt

Date Analyzed: 03/29/06 21:52

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 27.9%

Silica Gel Cleanup: No

pH: 7.0

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | 3.0 J   |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | < 5.9 U |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | 110     |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | 8.3     |
| 95-48-7    | 2-Methylphenol             | 5.9 | < 5.9 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 18  | < 18 Y  |
| 100-51-6   | Benzyl Alcohol             | 30  | < 30 U  |
| 87-86-5    | Pentachlorophenol          | 30  | < 30 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | < 5.9 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       | 65.5% | d5-Phenol         | 57.4% |
| 2-Fluorophenol         | 55.5% | d4-2-Chlorophenol | 62.1% |
| d4-1,2-Dichlorobenzene | 56.3% | d5-Nitrobenzene   | 67.0% |
| 2,4,6-Tribromophenol   | 77.8% | d14-p-Terphenyl   | 56.5% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC47-3-4  
SAMPLE

Lab Sample ID: JC32AL  
LIMS ID: 06-3718  
Matrix: Sediment  
Data Release Authorized: *[Signature]*  
Reported: 03/31/06

QC Report No: JC32-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/23/06  
Date Received: 02/23/06

Date Extracted: 03/07/06  
Date Analyzed: 03/29/06 19:41  
Instrument/Analyst: NT2/VTS  
GPC Cleanup: No  
Silica Gel Cleanup: No

Sample Amount: 25.3 g-dry-wt  
Final Extract Volume: 0.5 mL  
Dilution Factor: 3.00  
Percent Moisture: 18.5%  
pH: 6.7

| CAS Number | Analyte                    | RL        | Result      |
|------------|----------------------------|-----------|-------------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9       | < 5.9 U     |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9       | < 5.9 U     |
| 118-74-1   | Hexachlorobenzene          | 5.9       | < 5.9 U     |
| 87-68-3    | Hexachlorobutadiene        | 5.9       | < 5.9 U     |
| 65-85-0    | <b>Benzoic Acid</b>        | <b>59</b> | <b>35 J</b> |
| 85-68-7    | Butylbenzylphthalate       | 5.9       | < 5.9 U     |
| 95-48-7    | 2-Methylphenol             | 5.9       | < 5.9 U     |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9       | < 5.9 U     |
| 86-30-6    | N-Nitrosodiphenylamine     | 5.9       | < 5.9 U     |
| 100-51-6   | Benzyl Alcohol             | 30        | < 30 U      |
| 87-86-5    | Pentachlorophenol          | 30        | < 30 U      |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9       | < 5.9 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       | 80.0% | d5-Phenol         | 66.1% |
| 2-Fluorophenol         | 55.0% | d4-2-Chlorophenol | 68.6% |
| d4-1,2-Dichlorobenzene | 58.4% | d5-Nitrobenzene   | 68.0% |
| 2,4,6-Tribromophenol   | 80.8% | d14-p-Terphenyl   | 84.5% |



**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC48-0-1

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB90C

QC Report No: JB90-Windward Environmental, LLC

LIMS ID: 06-3303

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/08/06

Reported: 03/14/06

Date Received: 02/08/06

Date Extracted: 02/21/06

Sample Amount: 25.5 g-dry-wt

Date Analyzed: 02/24/06 20:41

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 25.3%

Silica Gel Cleanup: No

pH: 6.5

| CAS Number     | Analyte                    | RL        | Result    |
|----------------|----------------------------|-----------|-----------|
| 106-46-7       | 1,4-Dichlorobenzene        | 5.9       | < 5.9 U   |
| 120-82-1       | 1,2,4-Trichlorobenzene     | 5.9       | < 5.9 U   |
| 118-74-1       | Hexachlorobenzene          | 5.9       | < 5.9 U   |
| 87-68-3        | Hexachlorobutadiene        | 5.9       | < 5.9 U   |
| <b>65-85-0</b> | <b>Benzoic Acid</b>        | <b>59</b> | <b>66</b> |
| 85-68-7        | Butylbenzylphthalate       | 5.9       | < 5.9 U   |
| 95-48-7        | 2-Methylphenol             | 5.9       | < 5.9 U   |
| 105-67-9       | 2,4-Dimethylphenol         | 5.9       | < 5.9 U   |
| 86-30-6        | N-Nitrosodiphenylamine     | 8.2       | < 8.2 Y   |
| 100-51-6       | Benzyl Alcohol             | 29        | < 29 U    |
| 87-86-5        | Pentachlorophenol          | 29        | < 29 U    |
| 95-50-1        | 1,2-Dichlorobenzene        | 5.9       | < 5.9 U   |
| 621-64-7       | N-Nitroso-Di-N-Propylamine | 29        | < 29 U    |
| 62-75-9        | N-Nitrosodimethylamine     | 29        | < 29 U    |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 54.6% | d5-Phenol         | 72.6% |
| 2-Fluorophenol         | 65.3% | d4-2-Chlorophenol | 59.0% |
| d4-1,2-Dichlorobenzene | 58.4% | d5-Nitrobenzene   | 49.3% |
| 2,4,6-Tribromophenol   | 90.4% | d14-p-Terphenyl   | 65.2% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Page 1 of 1

Sample ID: LDW-SC48-1-2

SAMPLE

Lab Sample ID: JB90D

LIMS ID: 06-3304

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 03/14/06

QC Report No: JB90-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

Event: 05-08-06-32

Date Sampled: 02/08/06

Date Received: 02/08/06

Date Extracted: 02/21/06

Date Analyzed: 02/24/06 21:13

Instrument/Analyst: NT6/PK

GPC Cleanup: No

Silica Gel Cleanup: No

Sample Amount: 25.3 g-dry-wt

Final Extract Volume: 0.5 mL

Dilution Factor: 3.00

Percent Moisture: 23.4%

pH: 6.4

| CAS Number     | Analyte                    | RL        | Result      |
|----------------|----------------------------|-----------|-------------|
| 106-46-7       | 1,4-Dichlorobenzene        | 5.9       | < 5.9 U     |
| 120-82-1       | 1,2,4-Trichlorobenzene     | 5.9       | < 5.9 U     |
| 118-74-1       | Hexachlorobenzene          | 5.9       | < 5.9 U     |
| 87-68-3        | Hexachlorobutadiene        | 5.9       | < 5.9 U     |
| <b>65-85-0</b> | <b>Benzoic Acid</b>        | <b>59</b> | <b>54 J</b> |
| 85-68-7        | Butylbenzylphthalate       | 5.9       | < 5.9 U     |
| 95-48-7        | 2-Methylphenol             | 5.9       | < 5.9 U     |
| 105-67-9       | 2,4-Dimethylphenol         | 5.9       | < 5.9 U     |
| 86-30-6        | N-Nitrosodiphenylamine     | 5.9       | < 5.9 U     |
| 100-51-6       | Benzyl Alcohol             | 30        | < 30 U      |
| 87-86-5        | Pentachlorophenol          | 30        | < 30 U      |
| 95-50-1        | 1,2-Dichlorobenzene        | 5.9       | < 5.9 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         | 69.0% |
| 2-Fluorophenol         | 33.0% | d4-2-Chlorophenol | 39.8% |
| d4-1,2-Dichlorobenzene | 58.1% | d5-Nitrobenzene   | 62.0% |
| 2,4,6-Tribromophenol   | 60.8% | d14-p-Terphenyl   | 61.1% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC48-2-4

Page 1 of 1

**SAMPLE**

Lab Sample ID: JB90E

QC Report No: JB90-Windward Environmental, LLC

LIMS ID: 06-3305

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/08/06

Reported: 03/14/06

Date Received: 02/08/06

Date Extracted: 02/21/06

Sample Amount: 25.9 g-dry-wt

Date Analyzed: 02/24/06 21:46

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 21.9%

Silica Gel Cleanup: No

pH: 6.2

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.8 | < 5.8 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.8 | < 5.8 U |
| 118-74-1   | Hexachlorobenzene          | 5.8 | < 5.8 U |
| 87-68-3    | Hexachlorobutadiene        | 5.8 | < 5.8 U |
| 65-85-0    | Benzoic Acid               | 58  | < 58 U  |
| 85-68-7    | Butylbenzylphthalate       | 5.8 | < 5.8 U |
| 95-48-7    | 2-Methylphenol             | 5.8 | < 5.8 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.8 | < 5.8 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 5.8 | < 5.8 U |
| 100-51-6   | Benzyl Alcohol             | 29  | < 29 U  |
| 87-86-5    | Pentachlorophenol          | 29  | < 29 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.8 | < 5.8 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 29  | < 29 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 29  | < 29 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 55.6% | d5-Phenol         | 71.8% |
| 2-Fluorophenol         | 59.6% | d4-2-Chlorophenol | 55.8% |
| d4-1,2-Dichlorobenzene | 54.2% | d5-Nitrobenzene   | 49.6% |
| 2,4,6-Tribromophenol   | 84.8% | d14-p-Terphenyl   | 61.9% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC49-0-1

Page 1 of 1

SAMPLE

Lab Sample ID: JA36F

QC Report No: JA36-Windward Environmental, LLC

LIMS ID: 06-1917

Project: LDW RI-Suburface Sediment Chemistry

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/06/06

Reported: 03/15/06

Date Received: 02/06/06

Date Extracted: 02/15/06

Sample Amount: 25.3 g-dry-wt

Date Analyzed: 02/17/06 22:30

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 48.6%

Silica Gel Cleanup: No

pH: 7.0

| CAS Number | Analyte                     | RL         | Result      |
|------------|-----------------------------|------------|-------------|
| 106-46-7   | 1,4-Dichlorobenzene         | 12         | < 12 U      |
| 120-82-1   | 1,2,4-Trichlorobenzene      | 12         | < 12 U      |
| 118-74-1   | Hexachlorobenzene           | 12         | < 12 U      |
| 87-68-3    | Hexachlorobutadiene         | 12         | < 12 U      |
| 65-85-0    | <b>Benzoic Acid</b>         | <b>120</b> | <b>750</b>  |
| 85-68-7    | <b>Butylbenzylphthalate</b> | <b>12</b>  | <b>22 B</b> |
| 95-48-7    | 2-Methylphenol              | 12         | < 12 U      |
| 105-67-9   | 2,4-Dimethylphenol          | 12         | < 12 U      |
| 86-30-6    | N-Nitrosodiphenylamine      | 17         | < 17 Y      |
| 100-51-6   | <b>Benzyl Alcohol</b>       | <b>59</b>  | <b>200</b>  |
| 87-86-5    | <b>Pentachlorophenol</b>    | <b>59</b>  | <b>89</b>   |
| 95-50-1    | 1,2-Dichlorobenzene         | 12         | < 12 U      |
| 621-64-7   | N-Nitroso-Di-N-Propylamine  | 59         | < 59 U      |
| 62-75-9    | N-Nitrosodimethylamine      | 59         | < 59 U      |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 60.0% | d5-Phenol         | 65.9% |
| 2-Fluorophenol         | 68.5% | d4-2-Chlorophenol | 64.6% |
| d4-1,2-Dichlorobenzene | 57.6% | d5-Nitrobenzene   | 60.2% |
| 2,4,6-Tribromophenol   | 83.0% | d14-p-Terphenyl   | 50.9% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC49-1-2

Page 1 of 1

SAMPLE

Lab Sample ID: JA36G

QC Report No: JA36-Windward Environmental, LLC

LIMS ID: 06-1918

Project: LDW RI-Suburface Sediment Chemistry

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/06/06

Reported: 03/15/06

Date Received: 02/06/06

Date Extracted: 02/15/06

Sample Amount: 25.2 g-dry-wt

Date Analyzed: 02/17/06 23:02

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 43.1%

Silica Gel Cleanup: No

pH: 7.6

| CAS Number | Analyte                     | RL         | Result       |
|------------|-----------------------------|------------|--------------|
| 106-46-7   | 1,4-Dichlorobenzene         | 12         | < 12 U       |
| 120-82-1   | 1,2,4-Trichlorobenzene      | 12         | < 12 U       |
| 118-74-1   | Hexachlorobenzene           | 12         | < 12 U       |
| 87-68-3    | Hexachlorobutadiene         | 12         | < 12 U       |
| 65-85-0    | <b>Benzoic Acid</b>         | <b>120</b> | <b>100 J</b> |
| 85-68-7    | <b>Butylbenzylphthalate</b> | <b>12</b>  | <b>24 B</b>  |
| 95-48-7    | 2-Methylphenol              | 12         | < 12 U       |
| 105-67-9   | 2,4-Dimethylphenol          | 12         | < 12 U       |
| 86-30-6    | N-Nitrosodiphenylamine      | 12         | < 12 U       |
| 100-51-6   | Benzyl Alcohol              | 60         | < 60 U       |
| 87-86-5    | Pentachlorophenol           | 60         | < 60 U       |
| 95-50-1    | 1,2-Dichlorobenzene         | 12         | < 12 U       |
| 621-64-7   | N-Nitroso-Di-N-Propylamine  | 60         | < 60 U       |
| 62-75-9    | N-Nitrosodimethylamine      | 60         | < 60 U       |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 52.1% | d5-Phenol         | 56.5% |
| 2-Fluorophenol         | 50.7% | d4-2-Chlorophenol | 53.4% |
| d4-1,2-Dichlorobenzene | 41.8% | d5-Nitrobenzene   | 49.0% |
| 2,4,6-Tribromophenol   | 67.2% | d14-p-Terphenyl   | 50.4% |

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC49-2-4**

Page 1 of 1

**SAMPLE**

Lab Sample ID: JA36H

QC Report No: JA36-Windward Environmental, LLC

LIMS ID: 06-1919

Project: LDW RI-Subsurface Sediment Chemistry

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *PP*

Date Sampled: 02/06/06

Reported: 03/16/06

Date Received: 02/06/06

Date Extracted: 02/15/06

Sample Amount: 25.1 g-dry-wt

Date Analyzed: 02/21/06 15:22

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 40.4%

Silica Gel Cleanup: No

pH: 7.1

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 6.0 | 3.6 J   |
| 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 |
| 65-85-0    | Benzoic Acid               | 60  | 90      |
| 85-68-7    | Butylbenzylphthalate       | 6.0 | 28 B    |
| 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     | 17  | < 17 Y  |
| 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       | 51.7% | d5-Phenol         | 57.0% |
| 2-Fluorophenol         | 60.2% | d4-2-Chlorophenol | 51.2% |
| d4-1,2-Dichlorobenzene | 51.1% | d5-Nitrobenzene   | 58.7% |
| 2,4,6-Tribromophenol   | 70.3% | d14-p-Terphenyl   | 50.3% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC50-0-1

Page 1 of 1

**SAMPLE**

Lab Sample ID: JC42L

QC Report No: JC42-Windward Environmental, LLC

LIMS ID: 06-3827

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *AB*

Date Sampled: 02/24/06

Reported: 03/29/06

Date Received: 02/24/06

Date Extracted: 03/09/06

Sample Amount: 50.3 g-dry-wt

Date Analyzed: 03/24/06 22:06

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 27.2%

Silica Gel Cleanup: No

pH: 8.1

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 6.0 | < 6.0 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 6.0 | 3.6 J   |
| 118-74-1   | Hexachlorobenzene          | 6.0 | < 6.0 U |
| 87-68-3    | Hexachlorobutadiene        | 6.0 | < 6.0 U |
| 65-85-0    | Benzoic Acid               | 60  | 330 B   |
| 85-68-7    | Butylbenzylphthalate       | 6.0 | 24      |
| 95-48-7    | 2-Methylphenol             | 6.0 | 3.0 J   |
| 105-67-9   | 2,4-Dimethylphenol         | 6.0 | < 6.0 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 100 | < 100 Y |
| 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       | 78.0% | d5-Phenol         | 60.3% |
| 2-Fluorophenol         | 57.0% | d4-2-Chlorophenol | 70.6% |
| d4-1,2-Dichlorobenzene | 55.1% | d5-Nitrobenzene   | 115%  |
| 2,4,6-Tribromophenol   | 68.3% | d14-p-Terphenyl   | 50.9% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC50-0-1

Page 1 of 1

DILUTION

Lab Sample ID: JC42L

QC Report No: JC42-Windward Environmental, LLC

LIMS ID: 06-3827

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/24/06

Reported: 03/29/06

Date Received: 02/24/06

Date Extracted: 03/09/06

Sample Amount: 50.3 g-dry-wt

Date Analyzed: 03/27/06 15:48

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 10.0

GPC Cleanup: Yes

Percent Moisture: 27.2%

Silica Gel Cleanup: No

pH: 8.1

| CAS Number | Analyte                    | RL    | Result    |
|------------|----------------------------|-------|-----------|
| 106-46-7   | 1,4-Dichlorobenzene        | 20    | < 20 U    |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 20    | < 20 U    |
| 118-74-1   | Hexachlorobenzene          | 20    | < 20 U    |
| 87-68-3    | Hexachlorobutadiene        | 20    | < 20 U    |
| 65-85-0    | Benzoic Acid               | 200   | < 200 U   |
| 85-68-7    | Butylbenzylphthalate       | 20    | < 20 U    |
| 95-48-7    | 2-Methylphenol             | 20    | < 20 U    |
| 105-67-9   | 2,4-Dimethylphenol         | 20    | < 20 U    |
| 86-30-6    | N-Nitrosodiphenylamine     | 1,200 | < 1,200 Y |
| 100-51-6   | Benzyl Alcohol             | 99    | < 99 U    |
| 87-86-5    | Pentachlorophenol          | 99    | < 99 U    |
| 95-50-1    | 1,2-Dichlorobenzene        | 20    | < 20 U    |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 99    | < 99 U    |
| 62-75-9    | N-Nitrosodimethylamine     | 99    | < 99 U    |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 30.4% | d5-Phenol         | 67.7% |
| 2-Fluorophenol         | 58.1% | d4-2-Chlorophenol | 73.6% |
| d4-1,2-Dichlorobenzene | 58.0% | d5-Nitrobenzene   | 76.8% |
| 2,4,6-Tribromophenol   | 25.9% | d14-p-Terphenyl   | 61.2% |



**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC50-1-2

Page 1 of 1

**SAMPLE**

Lab Sample ID: JC42M

QC Report No: JC42-Windward Environmental, LLC

LIMS ID: 06-3828

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/24/06

Reported: 03/29/06

Date Received: 02/24/06

Date Extracted: 03/09/06

Sample Amount: 50.8 g-dry-wt

Date Analyzed: 03/24/06 22:39

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 24.9%

Silica Gel Cleanup: No

pH: 8.1

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | < 5.9 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | 4.1 J   |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | 130 B   |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | 14      |
| 95-48-7    | 2-Methylphenol             | 5.9 | < 5.9 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 30  | < 30 Y  |
| 100-51-6   | Benzyl Alcohol             | 30  | < 30 U  |
| 87-86-5    | Pentachlorophenol          | 30  | < 30 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | < 5.9 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       | 53.9% | d5-Phenol         | 57.8% |
| 2-Fluorophenol         | 55.4% | d4-2-Chlorophenol | 68.7% |
| d4-1,2-Dichlorobenzene | 51.1% | d5-Nitrobenzene   | 81.1% |
| 2,4,6-Tribromophenol   | 49.0% | d14-p-Terphenyl   | 43.8% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC50-2-2.8

Page 1 of 1

**SAMPLE**

Lab Sample ID: JC42N


QC Report No: JC42-Windward Environmental, LLC

LIMS ID: 06-3829

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: 

Date Sampled: 02/24/06

Reported: 03/29/06

Date Received: 02/24/06

Date Extracted: 03/09/06

Sample Amount: 50.4 g-dry-wt

Date Analyzed: 03/24/06 23:13

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 25.9%

Silica Gel Cleanup: No

pH: 8.0

| CAS Number | Analyte                     | RL         | Result       |
|------------|-----------------------------|------------|--------------|
| 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      |
| 65-85-0    | <b>Benzoic Acid</b>         | <b>60</b>  | <b>100 B</b> |
| 85-68-7    | <b>Butylbenzylphthalate</b> | <b>6.0</b> | <b>6.6</b>   |
| 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      | 21         | < 21 Y       |
| 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       | 49.6% | d5-Phenol         | 55.4% |
| 2-Fluorophenol         | 52.8% | d4-2-Chlorophenol | 64.4% |
| d4-1,2-Dichlorobenzene | 49.8% | d5-Nitrobenzene   | 82.4% |
| 2,4,6-Tribromophenol   | 44.5% | d14-p-Terphenyl   | 46.6% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC50-2.8-4

Page 1 of 1

**SAMPLE**

Lab Sample ID: JC420

QC Report No: JC42-Windward Environmental, LLC

LIMS ID: 06-3830

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *B*

Date Sampled: 02/24/06

Reported: 03/29/06

Date Received: 02/24/06

Date Extracted: 03/09/06

Sample Amount: 50.3 g-dry-wt

Date Analyzed: 03/24/06 23:45

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 15.0%

Silica Gel Cleanup: No

pH: 8.2

| CAS Number     | Analyte                    | RL        | Result      |
|----------------|----------------------------|-----------|-------------|
| 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     |
| <b>65-85-0</b> | <b>Benzoic Acid</b>        | <b>60</b> | <b>64 B</b> |
| 85-68-7        | Butylbenzylphthalate       | 6.0       | < 6.0 U     |
| 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       | 54.6% | d5-Phenol         | 66.6% |
| 2-Fluorophenol         | 62.7% | d4-2-Chlorophenol | 75.8% |
| d4-1,2-Dichlorobenzene | 59.6% | d5-Nitrobenzene   | 120%  |
| 2,4,6-Tribromophenol   | 46.9% | d14-p-Terphenyl   | 61.9% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC51-0-2

Page 1 of 1

SAMPLE

Lab Sample ID: JC21R

QC Report No: JC21-Windward Environmental, LLC

LIMS ID: 06-3590

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/22/06

Reported: 03/30/06

Date Received: 02/22/06

Date Extracted: 03/07/06

Sample Amount: 50.2 g-dry-wt

Date Analyzed: 03/24/06 16:13

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: Yes

Percent Moisture: 30.3%

Silica Gel Cleanup: No

pH: 8.4

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 6.0 | 5.4 J   |
| 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 |
| 65-85-0    | Benzoic Acid               | 60  | 90      |
| 85-68-7    | Butylbenzylphthalate       | 6.0 | 36      |
| 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     | 68  | < 68 Y  |
| 100-51-6   | Benzyl Alcohol             | 30  | 18 J    |
| 87-86-5    | Pentachlorophenol          | 30  | < 30 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 6.0 | 4.8 J   |
| 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       | 62.2% | d5-Phenol         | 66.3% |
| 2-Fluorophenol         | 71.2% | d4-2-Chlorophenol | 73.4% |
| d4-1,2-Dichlorobenzene | 61.0% | d5-Nitrobenzene   | 69.6% |
| 2,4,6-Tribromophenol   | 33.5% | d14-p-Terphenyl   | 40.7% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Page 1 of 1

Sample ID: LDW-SC51-0-0.5

SAMPLE

Lab Sample ID: JL34H

LIMS ID: 06-9416

Matrix: Sediment

Data Release Authorized: **VTS**

Reported: 06/30/06

QC Report No: JL34-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

Event: 05-08-06-32

Date Sampled: 02/22/06

Date Received: 02/22/06

Date Extracted: 06/12/06

Date Analyzed: 06/20/06 19:19

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: 29.6%

pH: 6.7

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.1 | 160     |
| 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 |
| 85-68-7    | Butylbenzylphthalate       | 6.1 | 43      |
| 95-48-7    | 2-Methylphenol             | 6.1 | 21 M    |
| 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  | 180 M   |
| 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       | 81.2% | d5-Phenol         | 71.2% |
| 2-Fluorophenol         | 95.5% | d4-2-Chlorophenol | 78.7% |
| d4-1,2-Dichlorobenzene | 68.8% | d5-Nitrobenzene   | 45.6% |
| 2,4,6-Tribromophenol   | 103%  | d14-p-Terphenyl   | 81.2% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC51-0.5-1

Page 1 of 1

**SAMPLE**

Lab Sample ID: JL34I

QC Report No: JL34-Windward Environmental, LLC

LIMS ID: 06-9417

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: **VTS**

Date Sampled: 02/22/06

Reported: 06/30/06

Date Received: 02/22/06

Date Extracted: 06/12/06

Sample Amount: 33.1 g-dry-wt

Date Analyzed: 06/20/06 19:54

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 18.0%

Silica Gel Cleanup: No

pH: 7.0

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.0 | 38      |
| 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 |
| 85-68-7    | Butylbenzylphthalate       | 6.0 | 35      |
| 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 | 4.8 J   |
| 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       | 48.8% | d5-Phenol         | 64.3% |
| 2-Fluorophenol         | 102%  | d4-2-Chlorophenol | 77.9% |
| d4-1,2-Dichlorobenzene | 62.0% | d5-Nitrobenzene   | 46.4% |
| 2,4,6-Tribromophenol   | 63.2% | d14-p-Terphenyl   | 87.2% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC51-1-1.5

Page 1 of 1

SAMPLE

Lab Sample ID: JL34J

QC Report No: JL34-Windward Environmental, LLC

LIMS ID: 06-9418

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: **VTS**

Date Sampled: 02/22/06

Reported: 06/30/06

Date Received: 02/22/06

Date Extracted: 06/12/06

Sample Amount: 32.3 g-dry-wt

Date Analyzed: 06/20/06 20:29

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 19.7%

Silica Gel Cleanup: No

pH: 7.3

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.2 | 4.3 J   |
| 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 |
| 85-68-7    | Butylbenzylphthalate       | 6.2 | 10      |
| 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       | 52.4% | d5-Phenol         | 66.4% |
| 2-Fluorophenol         | 78.7% | d4-2-Chlorophenol | 70.1% |
| d4-1,2-Dichlorobenzene | 62.8% | d5-Nitrobenzene   | 48.4% |
| 2,4,6-Tribromophenol   | 66.1% | d14-p-Terphenyl   | 87.6% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC51-1.5-2

Page 1 of 1

SAMPLE

Lab Sample ID: JL34K

QC Report No: JL34-Windward Environmental, LLC

LIMS ID: 06-9419

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: **VTS**

Date Sampled: 02/22/06

Reported: 06/30/06

Date Received: 02/22/06

Date Extracted: 06/12/06

Sample Amount: 32.1 g-dry-wt

Date Analyzed: 06/20/06 22:12

Final Extract Volume: 2.0 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: Yes

Percent Moisture: 21.9%

Silica Gel Cleanup: No

pH: 6.9

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 53-70-3    | Dibenz (a, h) anthracene   | 6.2 | 3.7 J   |
| 106-46-7   | 1,4-Dichlorobenzene        | 6.2 | 8.7     |
| 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 |
| 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     |
| 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       | 80.8% | d5-Phenol         | 63.2% |
| 2-Fluorophenol         | 86.9% | d4-2-Chlorophenol | 65.3% |
| d4-1,2-Dichlorobenzene | 60.8% | d5-Nitrobenzene   | 47.2% |
| 2,4,6-Tribromophenol   | 94.7% | d14-p-Terphenyl   | 76.4% |



**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC51-2-3.8  
SAMPLE

Lab Sample ID: JC21S  
LIMS ID: 06-3591  
Matrix: Sediment  
Data Release Authorized: *[Signature]*  
Reported: 03/30/06

QC Report No: JC21-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/22/06  
Date Received: 02/22/06

Date Extracted: 03/07/06  
Date Analyzed: 03/24/06 16:46  
Instrument/Analyst: NT6/PK  
GPC Cleanup: Yes  
Silica Gel Cleanup: No

Sample Amount: 50.7 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 3.00  
Percent Moisture: 25.4%  
pH: 7.9

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | 11      |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | < 5.9 U |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | 68      |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | 29      |
| 95-48-7    | 2-Methylphenol             | 5.9 | < 5.9 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | 9.5     |
| 86-30-6    | N-Nitrosodiphenylamine     | 67  | < 67 Y  |
| 100-51-6   | Benzyl Alcohol             | 30  | 21 J    |
| 87-86-5    | Pentachlorophenol          | 30  | < 30 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | 20      |
| 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       | 68.2% | d5-Phenol         | 66.1% |
| 2-Fluorophenol         | 73.5% | d4-2-Chlorophenol | 73.0% |
| d4-1,2-Dichlorobenzene | 64.8% | d5-Nitrobenzene   | 90.8% |
| 2,4,6-Tribromophenol   | 54.2% | d14-p-Terphenyl   | 39.8% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC52-0-1  
SAMPLE

Lab Sample ID: JA90B  
LIMS ID: 06-2356  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/15/06

QC Report No: JA90-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/08/06  
Date Received: 02/08/06

Date Extracted: 02/15/06  
Date Analyzed: 02/21/06 16:59  
Instrument/Analyst: NT6/PK  
GPC Cleanup: No  
Silica Gel Cleanup: No

Sample Amount: 25.3 g-dry-wt  
Final Extract Volume: 0.5 mL  
Dilution Factor: 3.00  
Percent Moisture: 41.5%  
pH: 6.8

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | < 5.9 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 22  | < 22 Y  |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | 490     |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | 600 E   |
| 95-48-7    | 2-Methylphenol             | 5.9 | 160     |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 320 | < 320 Y |
| 100-51-6   | Benzyl Alcohol             | 40  | < 40 Y  |
| 87-86-5    | Pentachlorophenol          | 30  | < 30 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | < 5.9 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 30  | 320     |
| 62-75-9    | N-Nitrosodimethylamine     | 30  | < 30 U  |

Reported in µg/kg (ppb)

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 78.6% | d5-Phenol         | 78.7% |
| 2-Fluorophenol         | 71.0% | d4-2-Chlorophenol | 81.6% |
| d4-1,2-Dichlorobenzene | 66.8% | d5-Nitrobenzene   | 82.8% |
| 2,4,6-Tribromophenol   | 158%  | d14-p-Terphenyl   | 60.4% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC52-0-1  
DILUTION

Lab Sample ID: JA90B  
LIMS ID: 06-2356  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/15/06

QC Report No: JA90-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/08/06  
Date Received: 02/08/06

Date Extracted: 02/15/06  
Date Analyzed: 02/24/06 11:30  
Instrument/Analyst: NT6/MDB  
GPC Cleanup: No  
Silica Gel Cleanup: No

Sample Amount: 25.3 g-dry-wt  
Final Extract Volume: 0.5 mL  
Dilution Factor: 15.0  
Percent Moisture: 41.5%  
pH: 6.8

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 30  | < 30 U  |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 30  | < 30 U  |
| 118-74-1   | Hexachlorobenzene          | 30  | < 30 U  |
| 87-68-3    | Hexachlorobutadiene        | 30  | < 30 U  |
| 65-85-0    | Benzoic Acid               | 300 | 410     |
| 85-68-7    | Butylbenzylphthalate       | 30  | 610 B   |
| 95-48-7    | 2-Methylphenol             | 30  | 150     |
| 105-67-9   | 2,4-Dimethylphenol         | 30  | < 30 U  |
| 86-30-6    | N-Nitrosodiphenylamine     | 340 | < 340 Y |
| 100-51-6   | Benzyl Alcohol             | 150 | < 150 U |
| 87-86-5    | Pentachlorophenol          | 150 | < 150 U |
| 95-50-1    | 1,2-Dichlorobenzene        | 30  | < 30 U  |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 150 | 340     |
| 62-75-9    | N-Nitrosodimethylamine     | 150 | < 150 U |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 103%  | d5-Phenol         | 71.2% |
| 2-Fluorophenol         | 72.8% | d4-2-Chlorophenol | 71.2% |
| d4-1,2-Dichlorobenzene | 67.8% | d5-Nitrobenzene   | 82.8% |
| 2,4,6-Tribromophenol   | 151%  | d14-p-Terphenyl   | 70.8% |

**ORGANICS ANALYSIS DATA SHEET**

**Semivolatiles by Selected Ion Monitoring GC/MS**

**Sample ID: LDW-SC52-1-2**

Page 1 of 1

**SAMPLE**

Lab Sample ID: JA90C

QC Report No: JA90-Windward Environmental, LLC

LIMS ID: 06-2357

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *[Signature]*

Date Sampled: 02/08/06

Reported: 03/15/06

Date Received: 02/08/06

Date Extracted: 02/15/06

Sample Amount: 25.7 g-dry-wt

Date Analyzed: 02/21/06 17:31

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 39.1%

Silica Gel Cleanup: No

pH: 7.5

| CAS Number     | Analyte                     | RL        | Result      |
|----------------|-----------------------------|-----------|-------------|
| 106-46-7       | 1,4-Dichlorobenzene         | 12        | < 12 U      |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 12        | < 12 U      |
| 118-74-1       | Hexachlorobenzene           | 12        | < 12 U      |
| 87-68-3        | Hexachlorobutadiene         | 12        | < 12 U      |
| 65-85-0        | Benzoic Acid                | 120       | < 120 U     |
| <b>85-68-7</b> | <b>Butylbenzylphthalate</b> | <b>12</b> | <b>12 B</b> |
| 95-48-7        | 2-Methylphenol              | 12        | < 12 U      |
| 105-67-9       | 2,4-Dimethylphenol          | 12        | < 12 U      |
| 86-30-6        | N-Nitrosodiphenylamine      | 38        | < 38 Y      |
| 100-51-6       | Benzyl Alcohol              | 58        | < 58 U      |
| 87-86-5        | Pentachlorophenol           | 58        | < 58 U      |
| 95-50-1        | 1,2-Dichlorobenzene         | 12        | < 12 U      |
| 621-64-7       | N-Nitroso-Di-N-Propylamine  | 58        | < 58 U      |
| 62-75-9        | N-Nitrosodimethylamine      | 58        | < 58 U      |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 49.2% | d5-Phenol         | 58.9% |
| 2-Fluorophenol         | 43.7% | d4-2-Chlorophenol | 57.1% |
| d4-1,2-Dichlorobenzene | 37.7% | d5-Nitrobenzene   | 40.3% |
| 2,4,6-Tribromophenol   | 64.5% | d14-p-Terphenyl   | 44.4% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC52-2-4

Page 1 of 1

SAMPLE

Lab Sample ID: JA90D

QC Report No: JA90-Windward Environmental, LLC

LIMS ID: 06-2358

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/08/06

Reported: 03/15/06

Date Received: 02/08/06

Date Extracted: 02/15/06

Sample Amount: 25.3 g-dry-wt

Date Analyzed: 02/21/06 18:03

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 21.4%

Silica Gel Cleanup: No

pH: 7.0

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9 | < 5.9 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9 | < 5.9 U |
| 118-74-1   | Hexachlorobenzene          | 5.9 | < 5.9 U |
| 87-68-3    | Hexachlorobutadiene        | 5.9 | < 5.9 U |
| 65-85-0    | Benzoic Acid               | 59  | 59      |
| 85-68-7    | Butylbenzylphthalate       | 5.9 | < 5.9 U |
| 95-48-7    | 2-Methylphenol             | 5.9 | < 5.9 U |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9 | < 5.9 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 5.9 | < 5.9 U |
| 100-51-6   | Benzyl Alcohol             | 30  | < 30 U  |
| 87-86-5    | Pentachlorophenol          | 30  | < 30 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9 | < 5.9 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       | 69.0% | d5-Phenol         | 86.4% |
| 2-Fluorophenol         | 71.7% | d4-2-Chlorophenol | 86.4% |
| d4-1,2-Dichlorobenzene | 59.9% | d5-Nitrobenzene   | 63.1% |
| 2,4,6-Tribromophenol   | 90.4% | d14-p-Terphenyl   | 63.5% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC53-0-2

Page 1 of 1

SAMPLE

Lab Sample ID: JA64A

QC Report No: JA64-Windward Environmental, LLC

LIMS ID: 06-2143

Project: LDW RI-Subsurface Sediment Chemistr

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/07/06

Reported: 03/15/06

Date Received: 02/07/06

Date Extracted: 02/15/06

Sample Amount: 25.5 g-dry-wt

Date Analyzed: 02/21/06 15:54

Final Extract Volume: 1.0 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 54.3%

Silica Gel Cleanup: No

pH: 6.7

| CAS Number | Analyte                     | RL         | Result      |
|------------|-----------------------------|------------|-------------|
| 106-46-7   | 1,4-Dichlorobenzene         | 12         | < 12 U      |
| 120-82-1   | 1,2,4-Trichlorobenzene      | 12         | < 12 U      |
| 118-74-1   | Hexachlorobenzene           | 12         | < 12 U      |
| 87-68-3    | Hexachlorobutadiene         | 12         | < 12 U      |
| 65-85-0    | <b>Benzoic Acid</b>         | <b>120</b> | <b>160</b>  |
| 85-68-7    | <b>Butylbenzylphthalate</b> | <b>12</b>  | <b>38 B</b> |
| 95-48-7    | 2-Methylphenol              | 12         | < 12 U      |
| 105-67-9   | 2,4-Dimethylphenol          | 12         | < 12 U      |
| 86-30-6    | N-Nitrosodiphenylamine      | 20         | < 20 Y      |
| 100-51-6   | Benzyl Alcohol              | 59         | < 59 U      |
| 87-86-5    | Pentachlorophenol           | 59         | < 59 U      |
| 95-50-1    | 1,2-Dichlorobenzene         | 12         | < 12 U      |
| 621-64-7   | N-Nitroso-Di-N-Propylamine  | 59         | < 59 U      |
| 62-75-9    | N-Nitrosodimethylamine      | 59         | < 59 U      |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 54.5% | d5-Phenol         | 57.4% |
| 2-Fluorophenol         | 58.9% | d4-2-Chlorophenol | 76.5% |
| d4-1,2-Dichlorobenzene | 49.7% | d5-Nitrobenzene   | 51.1% |
| 2,4,6-Tribromophenol   | 74.6% | d14-p-Terphenyl   | 50.2% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC53-2-4  
SAMPLE

Lab Sample ID: JA64B  
LIMS ID: 06-2144  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/15/06

QC Report No: JA64-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chemistr  
Event: 05-08-06-32  
Date Sampled: 02/07/06  
Date Received: 02/07/06

Date Extracted: 02/15/06  
Date Analyzed: 02/21/06 16:27  
Instrument/Analyst: NT6/PK  
GPC Cleanup: No  
Silica Gel Cleanup: No

Sample Amount: 25.7 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 3.00  
Percent Moisture: 52.3%  
pH: 7.4

| CAS Number | Analyte                    | RL  | Result |
|------------|----------------------------|-----|--------|
| 106-46-7   | 1,4-Dichlorobenzene        | 12  | < 12 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 12  | < 12 U |
| 118-74-1   | Hexachlorobenzene          | 12  | < 12 U |
| 87-68-3    | Hexachlorobutadiene        | 12  | < 12 U |
| 65-85-0    | Benzoic Acid               | 120 | 160    |
| 85-68-7    | Butylbenzylphthalate       | 12  | 95 B   |
| 95-48-7    | 2-Methylphenol             | 12  | < 12 U |
| 105-67-9   | 2,4-Dimethylphenol         | 12  | < 12 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 40  | < 40 Y |
| 100-51-6   | Benzyl Alcohol             | 58  | < 58 U |
| 87-86-5    | Pentachlorophenol          | 58  | < 58 U |
| 95-50-1    | 1,2-Dichlorobenzene        | 12  | < 12 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 58  | < 58 U |
| 62-75-9    | N-Nitrosodimethylamine     | 58  | < 58 U |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 50.9% | d5-Phenol         | 55.4% |
| 2-Fluorophenol         | 56.2% | d4-2-Chlorophenol | 70.9% |
| d4-1,2-Dichlorobenzene | 48.7% | d5-Nitrobenzene   | 53.3% |
| 2,4,6-Tribromophenol   | 67.4% | d14-p-Terphenyl   | 47.0% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC54-0-2

Page 1 of 1

SAMPLE

Lab Sample ID: JC32R

QC Report No: JC32-Windward Environmental, LLC

LIMS ID: 06-3698

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *[Signature]*

Date Sampled: 02/23/06

Reported: 03/31/06

Date Received: 02/23/06

Date Extracted: 03/07/06

Sample Amount: 25.4 g-dry-wt

Date Analyzed: 03/28/06 22:40

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT2/VTS

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 48.2%

Silica Gel Cleanup: No

pH: 7.2

| CAS Number | Analyte                     | RL         | Result     |
|------------|-----------------------------|------------|------------|
| 106-46-7   | 1,4-Dichlorobenzene         | 5.9        | < 5.9 U    |
| 120-82-1   | 1,2,4-Trichlorobenzene      | 5.9        | < 5.9 U    |
| 118-74-1   | Hexachlorobenzene           | 5.9        | < 5.9 U    |
| 87-68-3    | Hexachlorobutadiene         | 5.9        | < 5.9 U    |
| 65-85-0    | <b>Benzoic Acid</b>         | <b>59</b>  | <b>280</b> |
| 85-68-7    | <b>Butylbenzylphthalate</b> | <b>5.9</b> | <b>22</b>  |
| 95-48-7    | 2-Methylphenol              | 5.9        | < 5.9 U    |
| 105-67-9   | 2,4-Dimethylphenol          | 5.9        | < 5.9 U    |
| 86-30-6    | N-Nitrosodiphenylamine      | 16         | < 16 Y     |
| 100-51-6   | Benzyl Alcohol              | 30         | < 30 U     |
| 87-86-5    | Pentachlorophenol           | 30         | < 30 U     |
| 95-50-1    | 1,2-Dichlorobenzene         | 5.9        | < 5.9 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       | 52.4% | d5-Phenol         | 62.6% |
| 2-Fluorophenol         | 63.5% | d4-2-Chlorophenol | 64.3% |
| d4-1,2-Dichlorobenzene | 55.8% | d5-Nitrobenzene   | 160%  |
| 2,4,6-Tribromophenol   | 63.6% | d14-p-Terphenyl   | 88.3% |



**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC54-2-4  
SAMPLE

Lab Sample ID: JC32S  
LIMS ID: 06-3699  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/31/06

QC Report No: JC32-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/23/06  
Date Received: 02/23/06

Date Extracted: 03/07/06  
Date Analyzed: 03/29/06 22:25  
Instrument/Analyst: NT2/VTS  
GPC Cleanup: No  
Silica Gel Cleanup: No

Sample Amount: 25.1 g-dry-wt  
Final Extract Volume: 0.5 mL  
Dilution Factor: 3.00  
Percent Moisture: 47.7%  
pH: 7.6

| CAS Number | Analyte                    | RL  | Result  |
|------------|----------------------------|-----|---------|
| 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 |
| 65-85-0    | Benzoic Acid               | 60  | 120     |
| 85-68-7    | Butylbenzylphthalate       | 6.0 | 16      |
| 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     | 24  | < 24 Y  |
| 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       | 70.8% | d5-Phenol         | 56.8% |
| 2-Fluorophenol         | 65.2% | d4-2-Chlorophenol | 64.1% |
| d4-1,2-Dichlorobenzene | 55.7% | d5-Nitrobenzene   | 62.6% |
| 2,4,6-Tribromophenol   | 85.6% | d14-p-Terphenyl   | 48.2% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC55-0-1  
SAMPLE

Lab Sample ID: JA36A  
LIMS ID: 06-1912  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/15/06

QC Report No: JA36-Windward Environmental, LLC  
Project: LDW RI-Suburface Sediment Chemistry  
Event: 05-08-06-32  
Date Sampled: 02/06/06  
Date Received: 02/06/06

Date Extracted: 02/15/06  
Date Analyzed: 02/17/06 20:53  
Instrument/Analyst: NT6/PK  
GPC Cleanup: No  
Silica Gel Cleanup: No

Sample Amount: 25.4 g-dry-wt  
Final Extract Volume: 0.5 mL  
Dilution Factor: 3.00  
Percent Moisture: 37.4%  
pH: 7.6

| CAS Number | Analyte                    | RL        | Result     |
|------------|----------------------------|-----------|------------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9       | < 5.9 U    |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9       | < 5.9 U    |
| 118-74-1   | Hexachlorobenzene          | 5.9       | < 5.9 U    |
| 87-68-3    | Hexachlorobutadiene        | 5.9       | < 5.9 U    |
| 65-85-0    | <b>Benzoic Acid</b>        | <b>59</b> | <b>100</b> |
| 85-68-7    | Butylbenzylphthalate       | 5.9       | < 5.9 U    |
| 95-48-7    | 2-Methylphenol             | 5.9       | < 5.9 U    |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9       | < 5.9 U    |
| 86-30-6    | N-Nitrosodiphenylamine     | 23        | < 23 Y     |
| 100-51-6   | Benzyl Alcohol             | 30        | < 30 U     |
| 87-86-5    | Pentachlorophenol          | 30        | < 30 U     |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9       | < 5.9 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       | 55.2% | d5-Phenol         | 61.1% |
| 2-Fluorophenol         | 58.3% | d4-2-Chlorophenol | 60.3% |
| d4-1,2-Dichlorobenzene | 54.4% | d5-Nitrobenzene   | 54.0% |
| 2,4,6-Tribromophenol   | 70.1% | d14-p-Terphenyl   | 49.6% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC55-1-2  
SAMPLE

Lab Sample ID: JA36B  
LIMS ID: 06-1913  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/15/06

QC Report No: JA36-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chemistry  
Event: 05-08-06-32  
Date Sampled: 02/06/06  
Date Received: 02/06/06

Date Extracted: 02/15/06  
Date Analyzed: 02/17/06 21:26  
Instrument/Analyst: NT6/PK  
GPC Cleanup: No  
Silica Gel Cleanup: No

Sample Amount: 25.4 g-dry-wt  
Final Extract Volume: 0.5 mL  
Dilution Factor: 3.00  
Percent Moisture: 25.5%  
pH: 7.6

| CAS Number | Analyte                    | RL        | Result    |
|------------|----------------------------|-----------|-----------|
| 106-46-7   | 1,4-Dichlorobenzene        | 5.9       | < 5.9 U   |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 5.9       | < 5.9 U   |
| 118-74-1   | Hexachlorobenzene          | 5.9       | < 5.9 U   |
| 87-68-3    | Hexachlorobutadiene        | 5.9       | < 5.9 U   |
| 65-85-0    | <b>Benzoic Acid</b>        | <b>59</b> | <b>61</b> |
| 85-68-7    | Butylbenzylphthalate       | 5.9       | < 5.9 U   |
| 95-48-7    | 2-Methylphenol             | 5.9       | < 5.9 U   |
| 105-67-9   | 2,4-Dimethylphenol         | 5.9       | < 5.9 U   |
| 86-30-6    | N-Nitrosodiphenylamine     | 5.9       | < 5.9 U   |
| 100-51-6   | Benzyl Alcohol             | 30        | < 30 U    |
| 87-86-5    | Pentachlorophenol          | 30        | < 30 U    |
| 95-50-1    | 1,2-Dichlorobenzene        | 5.9       | < 5.9 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       | 61.9% | d5-Phenol         | 64.3% |
| 2-Fluorophenol         | 56.6% | d4-2-Chlorophenol | 65.0% |
| d4-1,2-Dichlorobenzene | 55.6% | d5-Nitrobenzene   | 58.2% |
| 2,4,6-Tribromophenol   | 82.4% | d14-p-Terphenyl   | 67.9% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC55-2-3

Page 1 of 1

SAMPLE

Lab Sample ID: JA36C

QC Report No: JA36-Windward Environmental, LLC

LIMS ID: 06-1914

Project: LDW RI-Subsurface Sediment Chemistry

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized:

Date Sampled: 02/06/06

Reported: 03/15/06

Date Received: 02/06/06

Date Extracted: 02/15/06

Sample Amount: 25.0 g-dry-wt

Date Analyzed: 02/17/06 21:58

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 21.8%

Silica Gel Cleanup: No

pH: 7.2

| CAS Number     | Analyte                    | RL        | Result    |
|----------------|----------------------------|-----------|-----------|
| 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   |
| <b>65-85-0</b> | <b>Benzoic Acid</b>        | <b>60</b> | <b>67</b> |
| 85-68-7        | Butylbenzylphthalate       | 6.0       | < 6.0 U   |
| 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     | 6.6       | < 6.6 Y   |
| 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       | 57.8% | d5-Phenol         | 70.7% |
| 2-Fluorophenol         | 58.9% | d4-2-Chlorophenol | 69.2% |
| d4-1,2-Dichlorobenzene | 64.0% | d5-Nitrobenzene   | 68.3% |
| 2,4,6-Tribromophenol   | 65.7% | d14-p-Terphenyl   | 74.5% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC56-0-2

Page 1 of 1

SAMPLE

Lab Sample ID: JB90A

QC Report No: JB90-Windward Environmental, LLC

LIMS ID: 06-3301

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *[Signature]*

Date Sampled: 02/07/06

Reported: 03/14/06

Date Received: 02/07/06

Date Extracted: 02/21/06

Sample Amount: 25.3 g-dry-wt

Date Analyzed: 02/24/06 19:36

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 18.4%

Silica Gel Cleanup: No

pH: 6.9

| CAS Number     | Analyte                    | RL        | Result    |
|----------------|----------------------------|-----------|-----------|
| 106-46-7       | 1,4-Dichlorobenzene        | 5.9       | < 5.9 U   |
| 120-82-1       | 1,2,4-Trichlorobenzene     | 5.9       | < 5.9 U   |
| 118-74-1       | Hexachlorobenzene          | 5.9       | < 5.9 U   |
| 87-68-3        | Hexachlorobutadiene        | 5.9       | < 5.9 U   |
| <b>65-85-0</b> | <b>Benzoic Acid</b>        | <b>59</b> | <b>90</b> |
| 85-68-7        | Butylbenzylphthalate       | 5.9       | < 5.9 U   |
| 95-48-7        | 2-Methylphenol             | 5.9       | < 5.9 U   |
| 105-67-9       | 2,4-Dimethylphenol         | 5.9       | < 5.9 U   |
| 86-30-6        | N-Nitrosodiphenylamine     | 16        | < 16 Y    |
| 100-51-6       | Benzyl Alcohol             | 30        | < 30 U    |
| 87-86-5        | Pentachlorophenol          | 30        | < 30 U    |
| 95-50-1        | 1,2-Dichlorobenzene        | 5.9       | < 5.9 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       | 65.0% | d5-Phenol         | 86.4% |
| 2-Fluorophenol         | 76.6% | d4-2-Chlorophenol | 70.6% |
| d4-1,2-Dichlorobenzene | 66.6% | d5-Nitrobenzene   | 72.2% |
| 2,4,6-Tribromophenol   | 103%  | d14-p-Terphenyl   | 65.5% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC56-2-4

Page 1 of 1

SAMPLE

Lab Sample ID: JB90B

QC Report No: JB90-Windward Environmental, LLC

LIMS ID: 06-3302

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

Event: 05-08-06-32

Data Release Authorized: *[Signature]*

Date Sampled: 02/07/06

Reported: 03/14/06

Date Received: 02/07/06

Date Extracted: 02/21/06

Sample Amount: 25.6 g-dry-wt

Date Analyzed: 02/24/06 20:08

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT6/PK

Dilution Factor: 3.00

GPC Cleanup: No

Percent Moisture: 25.3%

Silica Gel Cleanup: No

pH: 6.5

| CAS Number     | Analyte                    | RL        | Result      |
|----------------|----------------------------|-----------|-------------|
| 106-46-7       | 1,4-Dichlorobenzene        | 5.9       | < 5.9 U     |
| 120-82-1       | 1,2,4-Trichlorobenzene     | 5.9       | < 5.9 U     |
| 118-74-1       | Hexachlorobenzene          | 5.9       | < 5.9 U     |
| 87-68-3        | Hexachlorobutadiene        | 5.9       | < 5.9 U     |
| <b>65-85-0</b> | <b>Benzoic Acid</b>        | <b>59</b> | <b>54 J</b> |
| 85-68-7        | Butylbenzylphthalate       | 5.9       | < 5.9 U     |
| 95-48-7        | 2-Methylphenol             | 5.9       | < 5.9 U     |
| 105-67-9       | 2,4-Dimethylphenol         | 5.9       | < 5.9 U     |
| 86-30-6        | N-Nitrosodiphenylamine     | 5.9       | < 5.9 U     |
| 100-51-6       | Benzyl Alcohol             | 29        | < 29 U      |
| 87-86-5        | Pentachlorophenol          | 29        | < 29 U      |
| 95-50-1        | 1,2-Dichlorobenzene        | 5.9       | < 5.9 U     |
| 621-64-7       | N-Nitroso-Di-N-Propylamine | 29        | < 29 U      |
| 62-75-9        | N-Nitrosodimethylamine     | 29        | < 29 U      |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 55.1% | d5-Phenol         | 84.0% |
| 2-Fluorophenol         | 62.0% | d4-2-Chlorophenol | 60.2% |
| d4-1,2-Dichlorobenzene | 61.7% | d5-Nitrobenzene   | 57.6% |
| 2,4,6-Tribromophenol   | 68.0% | d14-p-Terphenyl   | 61.8% |

**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC-RB1  
SAMPLE

Lab Sample ID: JA90A

LIMS ID: 06-2355

Matrix: Water

Data Release Authorized: *AB*

Reported: 03/15/06

QC Report No: JA90-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

Event: 05-08-06-32

Date Sampled: 02/08/06

Date Received: 02/08/06

Date Extracted: 02/10/06

Date Analyzed: 02/17/06 18:44

Instrument/Analyst: NT6/PK

Sample Amount: 500 mL

Final Extract Volume: 0.5 mL

Dilution Factor: 3.00

| CAS Number | Analyte                    | RL   | Result   |
|------------|----------------------------|------|----------|
| 106-46-7   | 1,4-Dichlorobenzene        | 0.30 | < 0.30 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 0.30 | < 0.30 U |
| 118-74-1   | Hexachlorobenzene          | 0.30 | < 0.30 U |
| 87-68-3    | Hexachlorobutadiene        | 0.30 | < 0.30 U |
| 65-85-0    | Benzoic Acid               | 3.0  | < 3.0 U  |
| 85-68-7    | Butylbenzylphthalate       | 0.30 | < 0.30 U |
| 95-48-7    | 2-Methylphenol             | 0.30 | < 0.30 U |
| 105-67-9   | 2,4-Dimethylphenol         | 0.30 | < 0.30 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 0.30 | < 0.30 U |
| 100-51-6   | Benzyl Alcohol             | 1.5  | < 1.5 U  |
| 87-86-5    | Pentachlorophenol          | 1.5  | < 1.5 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 0.30 | < 0.30 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 1.5  | < 1.5 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 1.5  | < 1.5 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 79.6% | d5-Phenol         | 53.8% |
| 2-Fluorophenol         | 76.4% | d4-2-Chlorophenol | 84.0% |
| d4-1,2-Dichlorobenzene | 78.4% | d5-Nitrobenzene   | 74.6% |
| 2,4,6-Tribromophenol   | 88.0% | d14-p-Terphenyl   | 93.0% |

**ORGANICS ANALYSIS DATA SHEET**

Semivolatiles by Selected Ion Monitoring GC/MS

Sample ID: LDW-SC-RB2

Page 1 of 1

SAMPLE

Lab Sample ID: JB46L

QC Report No: JB46-Windward Environmental, LLC

LIMS ID: 06-2927

Project: LDW RI-Subsurface Sediment Chem

Matrix: Water

Event: 05-08-06-32

Data Release Authorized: *[Signature]*

Date Sampled: 02/14/06

Reported: 03/30/06

Date Received: 02/14/06

Date Extracted: 02/21/06

Sample Amount: 500 mL

Date Analyzed: 03/28/06 15:08

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT6/VTS

Dilution Factor: 3.00

| CAS Number | Analyte                    | RL   | Result   |
|------------|----------------------------|------|----------|
| 106-46-7   | 1,4-Dichlorobenzene        | 0.30 | < 0.30 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 0.30 | < 0.30 U |
| 118-74-1   | Hexachlorobenzene          | 0.30 | < 0.30 U |
| 87-68-3    | Hexachlorobutadiene        | 0.30 | < 0.30 U |
| 65-85-0    | Benzoic Acid               | 3.0  | < 3.0 U  |
| 85-68-7    | Butylbenzylphthalate       | 0.30 | < 0.30 U |
| 95-48-7    | 2-Methylphenol             | 0.30 | < 0.30 U |
| 105-67-9   | 2,4-Dimethylphenol         | 0.30 | < 0.30 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 0.30 | < 0.30 U |
| 100-51-6   | Benzyl Alcohol             | 1.5  | < 1.5 U  |
| 87-86-5    | Pentachlorophenol          | 1.5  | < 1.5 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 0.30 | < 0.30 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 1.5  | < 1.5 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 1.5  | < 1.5 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |       |                   |       |
|------------------------|-------|-------------------|-------|
| 2-Fluorobiphenyl       | 178%  | d5-Phenol         | 47.4% |
| 2-Fluorophenol         | 87.2% | d4-2-Chlorophenol | 94.4% |
| d4-1,2-Dichlorobenzene | 80.2% | d5-Nitrobenzene   | 39.4% |
| 2,4,6-Tribromophenol   | 125%  | d14-p-Terphenyl   | 73.6% |



**ORGANICS ANALYSIS DATA SHEET**

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

Sample ID: LDW-SC-RB3  
SAMPLE

Lab Sample ID: JC21A  
LIMS ID: 06-3573  
Matrix: Water  
Data Release Authorized:  
Reported: 03/30/06

QC Report No: JC21-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
Event: 05-08-06-32  
Date Sampled: 02/22/06  
Date Received: 02/22/06

Date Extracted: 02/28/06  
Date Analyzed: 03/29/06 17:34  
Instrument/Analyst: NT6/VTS

Sample Amount: 500 mL  
Final Extract Volume: 0.5 mL  
Dilution Factor: 3.00

| CAS Number | Analyte                    | RL   | Result   |
|------------|----------------------------|------|----------|
| 106-46-7   | 1,4-Dichlorobenzene        | 0.30 | < 0.30 U |
| 120-82-1   | 1,2,4-Trichlorobenzene     | 0.30 | < 0.30 U |
| 118-74-1   | Hexachlorobenzene          | 0.30 | < 0.30 U |
| 87-68-3    | Hexachlorobutadiene        | 0.30 | < 0.30 U |
| 65-85-0    | Benzoic Acid               | 3.0  | < 3.0 U  |
| 85-68-7    | Butylbenzylphthalate       | 0.30 | < 0.30 U |
| 95-48-7    | 2-Methylphenol             | 0.30 | < 0.30 U |
| 105-67-9   | 2,4-Dimethylphenol         | 0.30 | < 0.30 U |
| 86-30-6    | N-Nitrosodiphenylamine     | 0.30 | < 0.30 U |
| 100-51-6   | Benzyl Alcohol             | 1.5  | < 1.5 U  |
| 87-86-5    | Pentachlorophenol          | 1.5  | < 1.5 U  |
| 95-50-1    | 1,2-Dichlorobenzene        | 0.30 | < 0.30 U |
| 621-64-7   | N-Nitroso-Di-N-Propylamine | 1.5  | < 1.5 U  |
| 62-75-9    | N-Nitrosodimethylamine     | 1.5  | < 1.5 U  |

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

**SIM Semivolatile Surrogate Recovery**

|                        |      |                   |       |
|------------------------|------|-------------------|-------|
| 2-Fluorobiphenyl       | 287% | d5-Phenol         | 70.4% |
| 2-Fluorophenol         | 115% | d4-2-Chlorophenol | 145%  |
| d4-1,2-Dichlorobenzene | 126% | d5-Nitrobenzene   | 79.8% |
| 2,4,6-Tribromophenol   | 310% | d14-p-Terphenyl   | 101%  |

## E-5 PCBs

---

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC1-0-2


SAMPLE

Lab Sample ID: JB90F

LIMS ID: 06-3306

Matrix: Sediment

Data Release Authorized:

Reported: 03/06/06 

QC Report No: JB90-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/09/06

Date Received: 02/09/06

Date Extracted: 02/21/06

Date Analyzed: 02/27/06 23:06

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 2.56 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.0

Percent Moisture: 48.9%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 200 | < 200 U |
| 53469-21-9 | Aroclor 1242 | 200 | 630     |
| 12672-29-6 | Aroclor 1248 | 200 | < 200 U |
| 11097-69-1 | Aroclor 1254 | 200 | 1,900   |
| 11096-82-5 | Aroclor 1260 | 200 | 840     |
| 11104-28-2 | Aroclor 1221 | 200 | < 200 U |
| 11141-16-5 | Aroclor 1232 | 200 | < 200 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 85.8% |
| Tetrachlorometaxylene | 76.5% |



ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC1-0-.5

SAMPLE

Lab Sample ID: JL31A

LIMS ID: 06-9354

Matrix: Sediment

Data Release Authorized: *AB*

Reported: 06/23/06

QC Report No: JL31-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/09/06

Date Received: 02/09/06

Date Extracted: 06/13/06

Date Analyzed: 06/17/06 12:18

Instrument/Analyst: ECD5/AAR

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: 7.3

Percent Moisture: 45.9%

| 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 | < 20 U |
| 11097-69-1 | Aroclor 1254 | 20 | 47     |
| 11096-82-5 | Aroclor 1260 | 20 | 38     |
| 11104-28-2 | Aroclor 1221 | 20 | < 20 U |
| 11141-16-5 | Aroclor 1232 | 20 | < 20 U |

Reported in µg/kg (ppb)

PCB Surrogate Recovery

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 65.6% |
| Tetrachlorometaxylene | 64.1% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD


Page 1 of 1

Sample ID: LDW-SC1-.5-1  
SAMPLE

Lab Sample ID: JL31B

LIMS ID: 06-9355

Matrix: Sediment

Data Release Authorized: 

Reported: 06/23/06

QC Report No: JL31-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/09/06

Date Received: 02/09/06

Date Extracted: 06/13/06

Date Analyzed: 06/17/06 12:36

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.0 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 10.0

Silica Gel: No

pH: 7.7

Percent Moisture: 41.8%

| 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 | 120 | < 120 Y |
| 11097-69-1 | Aroclor 1254 | 40  | 210     |
| 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    | 150% |
| Tetrachlorometaxylene | 116% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC1-1-1.5

SAMPLE

Lab Sample ID: JL31C

LIMS ID: 06-9356

Matrix: Sediment

Data Release Authorized *AK*

Reported: 06/26/06

QC Report No: JL31-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/09/06

Date Received: 02/09/06

Date Extracted: 06/13/06

Date Analyzed: 06/20/06 15:28

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 0.51 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 2.00

Silica Gel: No

pH: 7.9

Percent Moisture: 50.1%

| CAS Number        | Analyte             | RL         | Result       |
|-------------------|---------------------|------------|--------------|
| 12674-11-2        | Aroclor 1016        | 390        | < 390 U      |
| 53469-21-9        | Aroclor 1242        | 390        | < 390 U      |
| <b>12672-29-6</b> | <b>Aroclor 1248</b> | <b>390</b> | <b>2,100</b> |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>390</b> | <b>3,300</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>390</b> | <b>1,300</b> |
| 11104-28-2        | Aroclor 1221        | 390        | < 390 U      |
| 11141-16-5        | Aroclor 1232        | 390        | < 390 U      |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 69.0% |
| Tetrachlorometaxylene | 55.0% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA PCB by GC/ECD**  
 Page 1 of 1

**Sample ID: LDW-SC1-1.5-2**  
**SAMPLE**

Lab Sample ID: JL31D  
 LIMS ID: 06-9357  
 Matrix: Sediment  
 Data Release Authorized: *MB*  
 Reported: 06/23/06

QC Report No: JL31-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/09/06  
 Date Received: 02/09/06

Date Extracted: 06/13/06  
 Date Analyzed: 06/20/06 22:57  
 Instrument/Analyst: ECD5/AAR  
 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: 100  
 Silica Gel: No  
 pH: 7.8  
 Percent Moisture: 54.4%

| CAS Number | Analyte             | RL         | Result       |
|------------|---------------------|------------|--------------|
| 12674-11-2 | Aroclor 1016        | 390        | < 390 U      |
| 53469-21-9 | Aroclor 1242        | 390        | < 390 U      |
| 12672-29-6 | <b>Aroclor 1248</b> | <b>390</b> | <b>1,400</b> |
| 11097-69-1 | <b>Aroclor 1254</b> | <b>390</b> | <b>1,700</b> |
| 11096-82-5 | <b>Aroclor 1260</b> | <b>390</b> | <b>1,200</b> |
| 11104-28-2 | Aroclor 1221        | 390        | < 390 U      |
| 11141-16-5 | Aroclor 1232        | 390        | < 390 U      |

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

**PCB Surrogate Recovery**

|                       |      |
|-----------------------|------|
| Decachlorobiphenyl    | D    |
| Tetrachlorometaxylene | 132% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC1-2-4

SAMPLE

Lab Sample ID: JB90G

LIMS ID: 06-3307

Matrix: Sediment

Data Release Authorized:

Reported: 03/06/06

QC Report No: JB90-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/09/06

Date Received: 02/09/06

Date Extracted: 02/21/06

Date Analyzed: 02/25/06 03:35

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 3.41 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 8.3

Percent Moisture: 32.0%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 29 | < 29 U |
| 53469-21-9 | Aroclor 1242 | 29 | 40     |
| 12672-29-6 | Aroclor 1248 | 29 | < 29 U |
| 11097-69-1 | Aroclor 1254 | 29 | 210    |
| 11096-82-5 | Aroclor 1260 | 29 | 190    |
| 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    | 87.5% |
| Tetrachlorometaxylene | 63.8% |



**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC1-4-6  
**SAMPLE**

Lab Sample ID: JH57F  
 LIMS ID: 06-7247  
 Matrix: Sediment  
 Data Release Authorized:   
 Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/09/06  
 Date Received: 02/09/06

Date Extracted: 05/04/06  
 Date Analyzed: 05/08/06 15:02  
 Instrument/Analyst: ECD5/PK  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Acid Cleanup: Yes  
 Florisil Cleanup: No

Sample Amount: 26.4 g-dry-wt  
 Final Extract Volume: 1.0 mL  
 Dilution Factor: 1.00  
 Silica Gel: No  
 pH: 7.7  
 Percent Moisture: 19.6%

| 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 | < 3.8 U |
| 11097-69-1 | Aroclor 1254 | 3.8 | < 3.8 U |
| 11096-82-5 | Aroclor 1260 | 3.8 | < 3.8 U |
| 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    | 78.5% |
| Tetrachlorometaxylene | 73.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC2-0-2

SAMPLE

Lab Sample ID: JB01U

LIMS ID: 06-2502

Matrix: Sediment

Data Release Authorized: *RB*

Reported: 02/28/06

QC Report No: JB01-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/09/06

Date Received: 02/09/06

Date Extracted: 02/17/06

Date Analyzed: 02/24/06 20:22

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.0 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 50.0

Silica Gel: No

pH: 8.2

Percent Moisture: 30.5%

| CAS Number        | Analyte             | RL         | Result     |
|-------------------|---------------------|------------|------------|
| 12674-11-2        | Aroclor 1016        | 200        | < 200 U    |
| <b>53469-21-9</b> | <b>Aroclor 1242</b> | <b>200</b> | <b>330</b> |
| 12672-29-6        | Aroclor 1248        | 200        | < 200 U    |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>200</b> | <b>760</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>200</b> | <b>290</b> |
| 11104-28-2        | Aroclor 1221        | 200        | < 200 U    |
| 11141-16-5        | Aroclor 1232        | 200        | < 200 U    |

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

**PCB Surrogate Recovery**

|                       |      |
|-----------------------|------|
| Decachlorobiphenyl    | NR   |
| Tetrachlorometaxylene | 105% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC2-2-4

SAMPLE

Lab Sample ID: JB01V

LIMS ID: 06-2503

Matrix: Sediment

Data Release Authorized: *AS*

Reported: 02/28/06

QC Report No: JB01-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/09/06

Date Received: 02/09/06

Date Extracted: 02/17/06

Date Analyzed: 02/24/06 20:40

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: 100

Silica Gel: No

pH: 9.4

Percent Moisture: 33.2%

| CAS Number        | Analyte             | RL         | Result       |
|-------------------|---------------------|------------|--------------|
| 12674-11-2        | Aroclor 1016        | 390        | < 390 U      |
| <b>53469-21-9</b> | <b>Aroclor 1242</b> | <b>390</b> | <b>1,100</b> |
| 12672-29-6        | Aroclor 1248        | 390        | < 390 U      |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>390</b> | <b>1,300</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>390</b> | <b>530</b>   |
| 11104-28-2        | Aroclor 1221        | 390        | < 390 U      |
| 11141-16-5        | Aroclor 1232        | 390        | < 390 U      |

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

**PCB Surrogate Recovery**

|                       |   |
|-----------------------|---|
| Decachlorobiphenyl    | D |
| Tetrachlorometaxylene | D |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC2-4-6

SAMPLE

Lab Sample ID: JH57AB

LIMS ID: 06-7269

Matrix: Sediment

Data Release Authorized: *AB*

Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/09/06

Date Received: 02/09/06

Date Extracted: 05/05/06

Date Analyzed: 05/09/06 19:21

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: 10.8

Percent Moisture: 56.7%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 3.9 | < 3.9 U |
| 53469-21-9 | Aroclor 1242 | 3.9 | 38      |
| 12672-29-6 | Aroclor 1248 | 3.9 | < 3.9 U |
| 11097-69-1 | Aroclor 1254 | 3.9 | 66 E    |
| 11096-82-5 | Aroclor 1260 | 3.9 | 95 EP   |
| 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    | 83.8% |
| Tetrachlorometaxylene | 51.5% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC2-4-6

DILUTION

Lab Sample ID: JH57AB

LIMS ID: 06-7269

Matrix: Sediment

Data Release Authorized:

Reported: 05/12/06 *RB*

QC Report No: JH57-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/09/06

Date Received: 02/09/06

Date Extracted: 05/05/06

Date Analyzed: 05/10/06 20:35

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: 10.0

Silica Gel: No

pH: 10.8

Percent Moisture: 56.7%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 39 | < 39 U |
| 53469-21-9 | Aroclor 1242 | 39 | 49     |
| 12672-29-6 | Aroclor 1248 | 39 | < 39 U |
| 11097-69-1 | Aroclor 1254 | 39 | 90     |
| 11096-82-5 | Aroclor 1260 | 39 | 81     |
| 11104-28-2 | Aroclor 1221 | 39 | < 39 U |
| 11141-16-5 | Aroclor 1232 | 39 | < 39 U |


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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 145%  |
| Tetrachlorometaxylene | 70.0% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC2-10.7-12  
SAMPLE

Lab Sample ID: JH57AC  
LIMS ID: 06-7270  
Matrix: Sediment  
Data Release Authorized:   
Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/09/06  
Date Received: 02/09/06

Date Extracted: 05/05/06  
Date Analyzed: 05/10/06 12:48  
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: 8.3  
Percent Moisture: 22.0%

| 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 | < 3.8 U |
| 11097-69-1 | Aroclor 1254 | 3.8 | < 3.8 U |
| 11096-82-5 | Aroclor 1260 | 3.8 | < 3.8 U |
| 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    | 79.8% |
| Tetrachlorometaxylene | 62.5% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC3-0-2  
**SAMPLE**

Lab Sample ID: JB00S  
 LIMS ID: 06-2478  
 Matrix: Sediment  
 Data Release Authorized:  
 Reported: 02/27/06

QC Report No: JB00-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/09/06  
 Date Received: 02/09/06

Date Extracted: 02/16/06  
 Date Analyzed: 02/22/06 10:52  
 Instrument/Analyst: ECD5/PK  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Acid Cleanup: Yes  
 Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt  
 Final Extract Volume: 1.0 mL  
 Dilution Factor: 1.00  
 Silica Gel: No  
 pH: 7.3  
 Percent Moisture: 30.5%

| 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 | < 4.0 U |
| 11097-69-1 | Aroclor 1254 | 4.0 | < 4.0 U |
| 11096-82-5 | Aroclor 1260 | 4.0 | < 4.0 U |
| 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    | 64.8% |
| Tetrachlorometaxylene | 52.2% |

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SC3-2-4

SAMPLE

Lab Sample ID: JB00T

LIMS ID: 06-2479

Matrix: Sediment

Data Release Authorized: *AS*

Reported: 02/27/06

QC Report No: JB00-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/09/06

Date Received: 02/09/06

Date Extracted: 02/16/06

Date Analyzed: 02/22/06 11:10

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: 8.4

Percent Moisture: 27.7%

| 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 | 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    | 62.8% |
| Tetrachlorometaxylene | 49.8% |



**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC4-0-1

SAMPLE

Lab Sample ID: JB01P

LIMS ID: 06-2497

Matrix: Sediment

Data Release Authorized: *AB*

Reported: 02/28/06

QC Report No: JB01-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/09/06

Date Received: 02/09/06

Date Extracted: 02/17/06

Date Analyzed: 02/24/06 19:25

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: 10.0

Silica Gel: No

pH: 7.6

Percent Moisture: 30.7%

| CAS Number        | Analyte             | RL        | Result    |
|-------------------|---------------------|-----------|-----------|
| 12674-11-2        | Aroclor 1016        | 39        | < 39 U    |
| 53469-21-9        | Aroclor 1242        | 39        | < 39 U    |
| 12672-29-6        | Aroclor 1248        | 58        | < 58 Y    |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>39</b> | <b>85</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>39</b> | <b>58</b> |
| 11104-28-2        | Aroclor 1221        | 39        | < 39 U    |
| 11141-16-5        | Aroclor 1232        | 58        | < 58 Y    |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | NR    |
| Tetrachlorometaxylene | 85.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC4-1-2

SAMPLE

Lab Sample ID: JB01Q

LIMS ID: 06-2498

Matrix: Sediment

Data Release Authorized: *AS*

Reported: 02/28/06

QC Report No: JB01-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/09/06

Date Received: 02/09/06

Date Extracted: 02/17/06

Date Analyzed: 02/24/06 19:44

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: 10.0

Silica Gel: No

pH: 8.8

Percent Moisture: 36.2%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 39 | < 39 U |
| 53469-21-9 | Aroclor 1242 | 39 | 110    |
| 12672-29-6 | Aroclor 1248 | 39 | < 39 U |
| 11097-69-1 | Aroclor 1254 | 39 | 240    |
| 11096-82-5 | Aroclor 1260 | 39 | 140    |
| 11104-28-2 | Aroclor 1221 | 39 | < 39 U |
| 11141-16-5 | Aroclor 1232 | 39 | < 39 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | NR    |
| Tetrachlorometaxylene | 78.5% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC4-2-4

SAMPLE

Lab Sample ID: JB01R

LIMS ID: 06-2499

Matrix: Sediment

Data Release Authorized: *AS*

Reported: 02/28/06

QC Report No: JB01-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/09/06

Date Received: 02/09/06

Date Extracted: 02/17/06

Date Analyzed: 02/24/06 20:03

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: 10.0

Silica Gel: No

pH: 8.7

Percent Moisture: 29.4%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 39 | < 39 U |
| 53469-21-9 | Aroclor 1242 | 39 | 130    |
| 12672-29-6 | Aroclor 1248 | 39 | < 39 U |
| 11097-69-1 | Aroclor 1254 | 39 | 320    |
| 11096-82-5 | Aroclor 1260 | 39 | 150    |
| 11104-28-2 | Aroclor 1221 | 39 | < 39 U |
| 11141-16-5 | Aroclor 1232 | 39 | < 39 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | NR    |
| Tetrachlorometaxylene | 84.5% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1


Sample ID: LDW-SC4-4-6

SAMPLE

Lab Sample ID: JH57G

LIMS ID: 06-7248

Matrix: Sediment

Data Release Authorized: 

Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/09/06

Date Received: 02/09/06

Date Extracted: 05/04/06

Date Analyzed: 05/08/06 15:20

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: 8.0

Percent Moisture: 18.6%

| 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 | < 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 | 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    | 85.0% |
| Tetrachlorometaxylene | 75.5% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC5-0-1

SAMPLE

Lab Sample ID: JC05A

LIMS ID: 06-3421

Matrix: Sediment

Data Release Authorized: *AS*

Reported: 03/09/06

QC Report No: JC05-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/10/06

Date Received: 02/10/06

Date Extracted: 02/25/06

Date Analyzed: 03/02/06 05:27

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.1 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 10.0

Silica Gel: No

pH: 7.4

Percent Moisture: 34.0%

| 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 | 120    |
| 11097-69-1 | Aroclor 1254 | 40 | 210    |
| 11096-82-5 | Aroclor 1260 | 40 | 180    |
| 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    | 133%  |
| Tetrachlorometaxylene | 95.8% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC5-1-2.2

**SAMPLE**

Lab Sample ID: JC05B

LIMS ID: 06-3422

Matrix: Sediment

Data Release Authorized:

Reported: 03/09/06 *AB*

QC Report No: JC05-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/10/06

Date Received: 02/10/06

Date Extracted: 02/25/06

Date Analyzed: 03/02/06 05:46

Instrument/Analyst: ECD5/AAR

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: 5.00

Silica Gel: No

pH: 7.5

Percent Moisture: 39.9%

| 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        | < 19 U    |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>19</b> | <b>66</b> |
| 11096-82-5        | Aroclor 1260        | 19        | < 19 U    |
| 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    | 118%  |
| Tetrachlorometaxylene | 66.4% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC5-2.2-4  
SAMPLE

Lab Sample ID: JC05C  
LIMS ID: 06-3423  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/09/06

QC Report No: JC05-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/10/06  
Date Received: 02/10/06

Date Extracted: 02/25/06  
Date Analyzed: 03/01/06 07:10  
Instrument/Analyst: ECD5/AAR  
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: 7.7  
Percent Moisture: 21.8%

| 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 | 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 | 60.2% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC6-0-2  
SAMPLE

Lab Sample ID: JB20A

LIMS ID: 06-2573

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 03/03/06

QC Report No: JB20-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/10/06

Date Received: 02/10/06

Date Extracted: 02/21/06

Date Analyzed: 02/28/06 22:41

Instrument/Analyst: ECD5/AAR

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: 10.0

Silica Gel: No

pH: 7.3

Percent Moisture: 45.8%

| CAS Number        | Analyte             | RL        | Result    |
|-------------------|---------------------|-----------|-----------|
| 12674-11-2        | Aroclor 1016        | 39        | < 39 U    |
| 53469-21-9        | Aroclor 1242        | 39        | < 39 U    |
| 12672-29-6        | Aroclor 1248        | 49        | < 49 Y    |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>39</b> | <b>90</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>39</b> | <b>82</b> |
| 11104-28-2        | Aroclor 1221        | 39        | < 39 U    |
| 11141-16-5        | Aroclor 1232        | 51        | < 51 Y    |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 116%  |
| Tetrachlorometaxylene | 76.5% |





ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC6-0-0.5

SAMPLE

Lab Sample ID: JL31E

LIMS ID: 06-9358

Matrix: Sediment

Data Release Authorized: *RB*

Reported: 06/23/06

QC Report No: JL31-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/10/06

Date Received: 02/10/06

Date Extracted: 06/13/06

Date Analyzed: 06/20/06 18:27

Instrument/Analyst: ECD5/AAR

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: 7.3

Percent Moisture: 49.3%

| 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 | 39 | < 39 Y |
| 11097-69-1 | Aroclor 1254 | 20 | 91     |
| 11096-82-5 | Aroclor 1260 | 20 | 76     |
| 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 | 81.6% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC6-0.5-1  
SAMPLE

Lab Sample ID: JL31F

LIMS ID: 06-9359

Matrix: Sediment

Data Release Authorized: *AB*

Reported: 06/23/06

QC Report No: JL31-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/10/06

Date Received: 02/10/06

Date Extracted: 06/13/06

Date Analyzed: 06/20/06 16:22

Instrument/Analyst: ECD5/AAR

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: 2.00

Silica Gel: No

pH: 7.2

Percent Moisture: 45.2%

| CAS Number        | Analyte             | RL         | Result    |
|-------------------|---------------------|------------|-----------|
| 12674-11-2        | Aroclor 1016        | 7.9        | < 7.9 U   |
| 53469-21-9        | Aroclor 1242        | 7.9        | < 7.9 U   |
| 12672-29-6        | Aroclor 1248        | 28         | < 28 Y    |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>7.9</b> | <b>54</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>7.9</b> | <b>43</b> |
| 11104-28-2        | Aroclor 1221        | 7.9        | < 7.9 U   |
| 11141-16-5        | Aroclor 1232        | 7.9        | < 7.9 U   |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 73.5% |
| Tetrachlorometaxylene | 44.6% |



ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC6-1-1.5

SAMPLE

Lab Sample ID: JL31G

LIMS ID: 06-9360

Matrix: Sediment

Data Release Authorized: *AB*

Reported: 06/23/06

QC Report No: JL31-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/10/06

Date Received: 02/10/06

Date Extracted: 06/13/06

Date Analyzed: 06/20/06 16:40

Instrument/Analyst: ECD5/AAR

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: 2.00

Silica Gel: No

pH: 7.3

Percent Moisture: 47.6%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 7.9 | < 7.9 U |
| 53469-21-9 | Aroclor 1242 | 7.9 | < 7.9 U |
| 12672-29-6 | Aroclor 1248 | 28  | < 28 Y  |
| 11097-69-1 | Aroclor 1254 | 7.9 | 55      |
| 11096-82-5 | Aroclor 1260 | 7.9 | 46      |
| 11104-28-2 | Aroclor 1221 | 7.9 | < 7.9 U |
| 11141-16-5 | Aroclor 1232 | 7.9 | < 7.9 U |

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

PCB Surrogate Recovery

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 79.0% |
| Tetrachlorometaxylene | 42.8% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC6-1.5-2

SAMPLE

Lab Sample ID: JL31H

LIMS ID: 06-9361

Matrix: Sediment

Data Release Authorized: *MB*

Reported: 06/23/06

QC Report No: JL31-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/10/06

Date Received: 02/10/06

Date Extracted: 06/13/06

Date Analyzed: 06/20/06 18:10

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 2.00

Silica Gel: No

pH: 7.4

Percent Moisture: 42.5%

| CAS Number        | Analyte             | RL         | Result    |
|-------------------|---------------------|------------|-----------|
| 12674-11-2        | Aroclor 1016        | 7.9        | < 7.9 U   |
| 53469-21-9        | Aroclor 1242        | 7.9        | < 7.9 U   |
| 12672-29-6        | Aroclor 1248        | 24         | < 24 Y    |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>7.9</b> | <b>51</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>7.9</b> | <b>43</b> |
| 11104-28-2        | Aroclor 1221        | 7.9        | < 7.9 U   |
| 11141-16-5        | Aroclor 1232        | 7.9        | < 7.9 U   |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 79.0% |
| Tetrachlorometaxylene | 52.5% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC6-2-4.5

SAMPLE

Lab Sample ID: JB20B

LIMS ID: 06-2574

Matrix: Sediment

Data Release Authorized:

Reported: 03/03/06

QC Report No: JB20-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/10/06

Date Received: 02/10/06

Date Extracted: 02/21/06

Date Analyzed: 02/27/06 20:35

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 7.35 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.9

Percent Moisture: 41.2%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 68 | < 68 U |
| 53469-21-9 | Aroclor 1242 | 68 | 300    |
| 12672-29-6 | Aroclor 1248 | 68 | < 68 U |
| 11097-69-1 | Aroclor 1254 | 68 | 860 E  |
| 11096-82-5 | Aroclor 1260 | 68 | 360    |
| 11104-28-2 | Aroclor 1221 | 68 | < 68 U |
| 11141-16-5 | Aroclor 1232 | 68 | < 68 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 84.5% |
| Tetrachlorometaxylene | 70.5% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC6-2-4.5

DILUTION

Lab Sample ID: JB20B

LIMS ID: 06-2574

Matrix: Sediment

Data Release Authorized: *JB*

Reported: 03/03/06

QC Report No: JB20-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/10/06

Date Received: 02/10/06

Date Extracted: 02/21/06

Date Analyzed: 02/28/06 20:48

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 7.35 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 5.00

Silica Gel: No

pH: 7.9

Percent Moisture: 41.2%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 340 | < 340 U |
| 53469-21-9 | Aroclor 1242 | 340 | 380     |
| 12672-29-6 | Aroclor 1248 | 340 | < 340 U |
| 11097-69-1 | Aroclor 1254 | 340 | 980     |
| 11096-82-5 | Aroclor 1260 | 340 | 390 J   |
| 11104-28-2 | Aroclor 1221 | 340 | < 340 U |
| 11141-16-5 | Aroclor 1232 | 340 | < 340 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 92.2% |
| Tetrachlorometaxylene | 82.1% |

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SC6-2-2.5

SAMPLE

Lab Sample ID: JL31I

LIMS ID: 06-9362

Matrix: Sediment

Data Release Authorized: *AB*

Reported: 06/23/06

QC Report No: JL31-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/10/06

Date Received: 02/10/06

Date Extracted: 06/13/06

Date Analyzed: 06/20/06 19:39

Instrument/Analyst: ECD5/AAR

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: 6.9

Percent Moisture: 36.9%

| 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 | 49 | < 49 Y |
| 11097-69-1 | Aroclor 1254 | 20 | 90     |
| 11096-82-5 | Aroclor 1260 | 20 | 86     |
| 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    | 97.2% |
| Tetrachlorometaxylene | 47.0% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC6-2.5-3  
SAMPLE

Lab Sample ID: JL31J  
LIMS ID: 06-9363  
Matrix: Sediment  
Data Release Authorized: *AB*  
Reported: 06/23/06

QC Report No: JL31-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/10/06  
Date Received: 02/10/06

Date Extracted: 06/13/06  
Date Analyzed: 06/20/06 19:57  
Instrument/Analyst: ECD5/AAR  
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: 7.4  
Percent Moisture: 39.7%

| 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 | 110    |
| 11097-69-1 | Aroclor 1254 | 19 | 130    |
| 11096-82-5 | Aroclor 1260 | 19 | 110    |
| 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    | 117% |
| Tetrachlorometaxylene | 139% |



ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SC6-3-3.5  
SAMPLE

Lab Sample ID: JL31K

LIMS ID: 06-9364

Matrix: Sediment

Data Release Authorized:

Reported: 06/23/06

QC Report No: JL31-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/10/06

Date Received: 02/10/06

Date Extracted: 06/13/06

Date Analyzed: 06/20/06 20:33

Instrument/Analyst: ECD5/AAR

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: 20.0

Silica Gel: No

pH: 7.4

Percent Moisture: 40.6%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 78  | < 78 U  |
| 53469-21-9 | Aroclor 1242 | 78  | < 78 U  |
| 12672-29-6 | Aroclor 1248 | 200 | < 200 Y |
| 11097-69-1 | Aroclor 1254 | 78  | 330     |
| 11096-82-5 | Aroclor 1260 | 78  | 160     |
| 11104-28-2 | Aroclor 1221 | 78  | < 78 U  |
| 11141-16-5 | Aroclor 1232 | 78  | < 78 U  |

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

PCB Surrogate Recovery

|                       |      |
|-----------------------|------|
| Decachlorobiphenyl    | 136% |
| Tetrachlorometaxylene | 161% |

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SC6-3.5-4

SAMPLE

Lab Sample ID: JL31L

LIMS ID: 06-9365

Matrix: Sediment

Data Release Authorized: *MS*

Reported: 06/23/06

QC Report No: JL31-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/10/06

Date Received: 02/10/06

Date Extracted: 06/13/06

Date Analyzed: 06/20/06 22:39

Instrument/Analyst: ECD5/AAR

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: 50.0

Silica Gel: No

pH: 7.5

Percent Moisture: 37.8%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 200 | < 200 U |
| 53469-21-9 | Aroclor 1242 | 200 | < 200 U |
| 12672-29-6 | Aroclor 1248 | 200 | 650     |
| 11097-69-1 | Aroclor 1254 | 200 | 700     |
| 11096-82-5 | Aroclor 1260 | 200 | 240     |
| 11104-28-2 | Aroclor 1221 | 200 | < 200 U |
| 11141-16-5 | Aroclor 1232 | 200 | < 200 U |

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

PCB Surrogate Recovery

|                       |      |
|-----------------------|------|
| Decachlorobiphenyl    | 136% |
| Tetrachlorometaxylene | 104% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC6-4-4.5

SAMPLE

Lab Sample ID: JL31M

LIMS ID: 06-9366

Matrix: Sediment

Data Release Authorized: *AB*

Reported: 06/23/06

QC Report No: JL31-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/10/06

Date Received: 02/10/06

Date Extracted: 06/13/06

Date Analyzed: 06/20/06 15:46

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 0.56 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 2.00

Silica Gel: No

pH: 7.6

Percent Moisture: 44.1%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 360 | < 360 U |
| 53469-21-9 | Aroclor 1242 | 360 | < 360 U |
| 12672-29-6 | Aroclor 1248 | 890 | < 890 Y |
| 11097-69-1 | Aroclor 1254 | 360 | 1,900   |
| 11096-82-5 | Aroclor 1260 | 360 | 740     |
| 11104-28-2 | Aroclor 1221 | 360 | < 360 U |
| 11141-16-5 | Aroclor 1232 | 360 | < 360 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 77.5% |
| Tetrachlorometaxylene | 57.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC6-6-8

SAMPLE

Lab Sample ID: JH57P

LIMS ID: 06-7257

Matrix: Sediment

Data Release Authorized:

Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/10/06

Date Received: 02/10/06

Date Extracted: 05/04/06

Date Analyzed: 05/09/06 17:15

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: 8.2

Percent Moisture: 23.4%

| 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        | < 3.9 U      |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>3.9</b> | <b>4.5 J</b> |
| 11096-82-5        | Aroclor 1260        | 3.9        | < 3.9 U      |
| 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    | 90.8% |
| Tetrachlorometaxylene | 65.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC7-0-1

SAMPLE

Lab Sample ID: JB20AB

LIMS ID: 06-2600

Matrix: Sediment

Data Release Authorized: *AS*

Reported: 03/03/06

QC Report No: JB20-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/10/06

Date Received: 02/10/06

Date Extracted: 02/21/06

Date Analyzed: 02/27/06 22:09

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 7.74 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.5

Percent Moisture: 38.2%


| CAS Number        | Analyte             | RL        | Result     |
|-------------------|---------------------|-----------|------------|
| 12674-11-2        | Aroclor 1016        | 65        | < 65 U     |
| <b>53469-21-9</b> | <b>Aroclor 1242</b> | <b>65</b> | <b>260</b> |
| 12672-29-6        | Aroclor 1248        | 65        | < 65 U     |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>65</b> | <b>580</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>65</b> | <b>460</b> |
| 11104-28-2        | Aroclor 1221        | 65        | < 65 U     |
| 11141-16-5        | Aroclor 1232        | 65        | < 65 U     |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 85.8% |
| Tetrachlorometaxylene | 74.8% |

Sample ID: LDW-SC7-1-1.7  
SAMPLE

Lab Sample ID: JB20AC  
LIMS ID: 06-2601  
Matrix: Sediment  
Data Release Authorized:   
Reported: 03/03/06

QC Report No: JB20-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/10/06  
Date Received: 02/10/06

Date Extracted: 02/21/06  
Date Analyzed: 02/27/06 22:28  
Instrument/Analyst: ECD5/AAR  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Acid Cleanup: Yes  
Florisil Cleanup: No

Sample Amount: 3.83 g-dry-wt  
Final Extract Volume: 5.0 mL  
Dilution Factor: 1.00  
Silica Gel: No  
pH: 7.9  
Percent Moisture: 24.1%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 130 | < 130 U |
| 53469-21-9 | Aroclor 1242 | 130 | 810     |
| 12672-29-6 | Aroclor 1248 | 130 | < 130 U |
| 11097-69-1 | Aroclor 1254 | 130 | 310     |
| 11096-82-5 | Aroclor 1260 | 130 | 150 J   |
| 11104-28-2 | Aroclor 1221 | 130 | < 130 U |
| 11141-16-5 | Aroclor 1232 | 130 | < 130 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 83.8% |
| Tetrachlorometaxylene | 77.2% |

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SC7-1-1.7

DILUTION

Lab Sample ID: JB20AC

LIMS ID: 06-2601

Matrix: Sediment

Data Release Authorized:

Reported: 03/03/06

QC Report No: JB20-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/10/06

Date Received: 02/10/06

Date Extracted: 02/21/06

Date Analyzed: 02/28/06 22:22

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 3.83 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 5.00

Silica Gel: No

pH: 7.9

Percent Moisture: 24.1%

| CAS Number        | Analyte             | RL         | Result       |
|-------------------|---------------------|------------|--------------|
| 12674-11-2        | Aroclor 1016        | 650        | < 650 U      |
| <b>53469-21-9</b> | <b>Aroclor 1242</b> | <b>650</b> | <b>1,000</b> |
| 12672-29-6        | Aroclor 1248        | 650        | < 650 U      |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>650</b> | <b>390 J</b> |
| 11096-82-5        | Aroclor 1260        | 650        | < 650 U      |
| 11104-28-2        | Aroclor 1221        | 650        | < 650 U      |
| 11141-16-5        | Aroclor 1232        | 650        | < 650 U      |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 90.6% |
| Tetrachlorometaxylene | 88.6% |

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SC7-1.7-4  
SAMPLE

Lab Sample ID: JB20AD

LIMS ID: 06-2602

Matrix: Sediment

Data Release Authorized:

Reported: 03/03/06

QC Report No: JB20-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/10/06

Date Received: 02/10/06

Date Extracted: 02/21/06

Date Analyzed: 02/25/06 00:27

Instrument/Analyst: ECD5/AAR

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: 7.1

Percent Moisture: 18.2%

| 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 | < 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 | 3.9 | < 3.9 U |
| 11141-16-5 | Aroclor 1232 | 5.5 | < 5.5 Y |

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

PCB Surrogate Recovery

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 88.8% |
| Tetrachlorometaxylene | 66.5% |



**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC8-0-1

SAMPLE

Lab Sample ID: JB20V

LIMS ID: 06-2594

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 03/03/06

QC Report No: JB20-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/10/06

Date Received: 02/10/06

Date Extracted: 02/21/06

Date Analyzed: 02/27/06 16:29

Instrument/Analyst: ECD5/AAR

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: 8.0

Percent Moisture: 39.2%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 20 | < 20 U |
| 53469-21-9 | Aroclor 1242 | 20 | 45     |
| 12672-29-6 | Aroclor 1248 | 20 | < 20 U |
| 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    | 122%  |
| Tetrachlorometaxylene | 69.6% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC8-1-2  
**SAMPLE**

Lab Sample ID: JB20W  
 LIMS ID: 06-2595  
 Matrix: Sediment  
 Data Release Authorized:  
 Reported: 03/03/06

QC Report No: JB20-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/10/06  
 Date Received: 02/10/06

Date Extracted: 02/21/06  
 Date Analyzed: 02/27/06 21:32  
 Instrument/Analyst: ECD5/AAR  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Acid Cleanup: Yes  
 Florisil Cleanup: No

Sample Amount: 15.2 g-dry-wt  
 Final Extract Volume: 5.0 mL  
 Dilution Factor: 1.00  
 Silica Gel: No  
 pH: 8.0  
 Percent Moisture: 39.5%

| CAS Number        | Analyte             | RL        | Result       |
|-------------------|---------------------|-----------|--------------|
| 12674-11-2        | Aroclor 1016        | 33        | < 33 U       |
| <b>53469-21-9</b> | <b>Aroclor 1242</b> | <b>33</b> | <b>280</b>   |
| 12672-29-6        | Aroclor 1248        | 33        | < 33 U       |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>33</b> | <b>500 E</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>33</b> | <b>240</b>   |
| 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    | 84.8% |
| Tetrachlorometaxylene | 66.2% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC8-1-2

DILUTION

Lab Sample ID: JB20W

LIMS ID: 06-2595

Matrix: Sediment

Data Release Authorized:

Reported: 03/03/06

QC Report No: JB20-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/10/06

Date Received: 02/10/06

Date Extracted: 02/21/06

Date Analyzed: 02/28/06 21:45

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 15.2 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 5.00

Silica Gel: No

pH: 8.0

Percent Moisture: 39.5%

| CAS Number        | Analyte             | RL         | Result     |
|-------------------|---------------------|------------|------------|
| 12674-11-2        | Aroclor 1016        | 160        | < 160 U    |
| <b>53469-21-9</b> | <b>Aroclor 1242</b> | <b>160</b> | <b>320</b> |
| 12672-29-6        | Aroclor 1248        | 160        | < 160 U    |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>160</b> | <b>510</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>160</b> | <b>250</b> |
| 11104-28-2        | Aroclor 1221        | 160        | < 160 U    |
| 11141-16-5        | Aroclor 1232        | 160        | < 160 U    |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 87.5% |
| Tetrachlorometaxylene | 78.1% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC8-2-4

SAMPLE

Lab Sample ID: JB20X

LIMS ID: 06-2596

Matrix: Sediment

Data Release Authorized:

Reported: 03/03/06

QC Report No: JB20-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/10/06

Date Received: 02/10/06

Date Extracted: 02/21/06

Date Analyzed: 02/27/06 21:50

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 3.35 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.4

Percent Moisture: 33.5%

| CAS Number        | Analyte             | RL         | Result         |
|-------------------|---------------------|------------|----------------|
| 12674-11-2        | Aroclor 1016        | 150        | < 150 U        |
| <b>53469-21-9</b> | <b>Aroclor 1242</b> | <b>150</b> | <b>600</b>     |
| 12672-29-6        | Aroclor 1248        | 150        | < 150 U        |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>150</b> | <b>1,600 E</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>150</b> | <b>690</b>     |
| 11104-28-2        | Aroclor 1221        | 150        | < 150 U        |
| 11141-16-5        | Aroclor 1232        | 150        | < 150 U        |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 96.8% |
| Tetrachlorometaxylene | 76.2% |

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SC8-2-4  
DILUTION

Lab Sample ID: JB20X

LIMS ID: 06-2596

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 03/03/06

QC Report No: JB20-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/10/06

Date Received: 02/10/06

Date Extracted: 02/21/06

Date Analyzed: 02/28/06 22:04

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 3.35 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 2.00

Silica Gel: No

pH: 7.4

Percent Moisture: 33.5%

| CAS Number        | Analyte             | RL         | Result       |
|-------------------|---------------------|------------|--------------|
| 12674-11-2        | Aroclor 1016        | 300        | < 300 U      |
| <b>53469-21-9</b> | <b>Aroclor 1242</b> | <b>300</b> | <b>630</b>   |
| 12672-29-6        | Aroclor 1248        | 300        | < 300 U      |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>300</b> | <b>1,600</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>300</b> | <b>670</b>   |
| 11104-28-2        | Aroclor 1221        | 300        | < 300 U      |
| 11141-16-5        | Aroclor 1232        | 300        | < 300 U      |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 98.0% |
| Tetrachlorometaxylene | 79.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1


Sample ID: LDW-SC8-4-6

SAMPLE

Lab Sample ID: JH57Q

LIMS ID: 06-7258

Matrix: Sediment

Data Release Authorized: 

Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/10/06

Date Received: 02/10/06

Date Extracted: 05/05/06

Date Analyzed: 05/09/06 22:56

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 1.65 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 8.0

Percent Moisture: 33.9%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 300 | < 300 U |
| 53469-21-9 | Aroclor 1242 | 300 | 890     |
| 12672-29-6 | Aroclor 1248 | 300 | < 300 U |
| 11097-69-1 | Aroclor 1254 | 300 | 2,600   |
| 11096-82-5 | Aroclor 1260 | 300 | 2,000   |
| 11104-28-2 | Aroclor 1221 | 300 | < 300 U |
| 11141-16-5 | Aroclor 1232 | 300 | < 300 U |


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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 100%  |
| Tetrachlorometaxylene | 67.5% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC8-6-8  
SAMPLE

Lab Sample ID: JH57R  
LIMS ID: 06-7259  
Matrix: Sediment  
Data Release Authorized:   
Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/10/06  
Date Received: 02/10/06

Date Extracted: 05/05/06  
Date Analyzed: 05/09/06 23:14  
Instrument/Analyst: ECD5/PK  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Acid Cleanup: Yes  
Florisil Cleanup: No

Sample Amount: 2.95 g-dry-wt  
Final Extract Volume: 5.0 mL  
Dilution Factor: 1.00  
Silica Gel: No  
pH: 7.8  
Percent Moisture: 41.4%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 170 | < 170 U |
| 53469-21-9 | Aroclor 1242 | 170 | 820     |
| 12672-29-6 | Aroclor 1248 | 170 | < 170 U |
| 11097-69-1 | Aroclor 1254 | 170 | 1,900 E |
| 11096-82-5 | Aroclor 1260 | 170 | 1,200   |
| 11104-28-2 | Aroclor 1221 | 170 | < 170 U |
| 11141-16-5 | Aroclor 1232 | 170 | < 170 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 102%  |
| Tetrachlorometaxylene | 70.0% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC8-6-8  
DILUTION

Lab Sample ID: JH57R  
LIMS ID: 06-7259  
Matrix: Sediment  
Data Release Authorized: *AB*  
Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/10/06  
Date Received: 02/10/06

Date Extracted: 05/05/06  
Date Analyzed: 05/10/06 21:47  
Instrument/Analyst: ECD5/PK  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Acid Cleanup: Yes  
Florisil Cleanup: No

Sample Amount: 2.95 g-dry-wt  
Final Extract Volume: 5.0 mL  
Dilution Factor: 3.00  
Silica Gel: No  
pH: 7.8  
Percent Moisture: 41.4%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 510 | < 510 U |
| 53469-21-9 | Aroclor 1242 | 510 | 930     |
| 12672-29-6 | Aroclor 1248 | 510 | < 510 U |
| 11097-69-1 | Aroclor 1254 | 510 | 1,800   |
| 11096-82-5 | Aroclor 1260 | 510 | 1,300   |
| 11104-28-2 | Aroclor 1221 | 510 | < 510 U |
| 11141-16-5 | Aroclor 1232 | 510 | < 510 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 96.8% |
| Tetrachlorometaxylene | 73.6% |



**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC8-8-10  
**SAMPLE**

Lab Sample ID: JO76A  
 LIMS ID: 06-11849  
 Matrix: Sediment  
 Data Release Authorized: **VTS**  
 Reported: 07/21/06

QC Report No: JO76-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/10/06  
 Date Received: 02/10/06

Date Extracted: 07/14/06  
 Date Analyzed: 07/19/06 22:03  
 Instrument/Analyst: ECD2/AAR  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Acid Cleanup: Yes  
 Florisil Cleanup: No

Sample Amount: 25.4 g-dry-wt  
 Final Extract Volume: 5.0 mL  
 Dilution Factor: 1.00  
 Silica Gel: No  
 pH: 8.0  
 Percent Moisture: 45.6%

| 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 | 69 | < 69 Y |
| 11097-69-1 | Aroclor 1254 | 20 | 260 E  |
| 11096-82-5 | Aroclor 1260 | 20 | 320 EP |
| 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    | 127%  |
| Tetrachlorometaxylene | 69.2% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC8-8-10

DILUTION

Lab Sample ID: JO76A

LIMS ID: 06-11849

Matrix: Sediment

Data Release Authorized: **UTB**

Reported: 07/21/06

QC Report No: JO76-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/10/06

Date Received: 02/10/06

Date Extracted: 07/14/06

Date Analyzed: 07/20/06 19:04

Instrument/Analyst: ECD2/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.4 g-dry-wt.

Final Extract Volume: 5.0 mL

Dilution Factor: 2.00

Silica Gel: No

pH: 8.0

Percent Moisture: 45.6%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 39 | < 39 U |
| 53469-21-9 | Aroclor 1242 | 39 | < 39 U |
| 12672-29-6 | Aroclor 1248 | 79 | < 79 Y |
| 11097-69-1 | Aroclor 1254 | 39 | 250    |
| 11096-82-5 | Aroclor 1260 | 39 | 290    |
| 11104-28-2 | Aroclor 1221 | 39 | < 39 U |
| 11141-16-5 | Aroclor 1232 | 39 | < 39 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 119%  |
| Tetrachlorometaxylene | 62.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1


Sample ID: LDW-SC9-0-1

SAMPLE

Lab Sample ID: JB30S

LIMS ID: 06-2820

Matrix: Sediment

Data Release Authorized: 

Reported: 03/10/06

QC Report No: JB30-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/13/06

Date Received: 02/14/06

Date Extracted: 02/22/06

Date Analyzed: 03/01/06 17:51

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 3.42 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.4

Percent Moisture: 31.9%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 150 | < 150 U |
| 53469-21-9 | Aroclor 1242 | 150 | < 150 U |
| 12672-29-6 | Aroclor 1248 | 150 | 1,700 E |
| 11097-69-1 | Aroclor 1254 | 150 | 1,400   |
| 11096-82-5 | Aroclor 1260 | 150 | 650     |
| 11104-28-2 | Aroclor 1221 | 150 | < 150 U |
| 11141-16-5 | Aroclor 1232 | 150 | < 150 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 96.2% |
| Tetrachlorometaxylene | 74.8% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC9-0-1

DILUTION

Lab Sample ID: JB30S

LIMS ID: 06-2820

Matrix: Sediment

Data Release Authorized:

Reported: 03/10/06

QC Report No: JB30-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/13/06

Date Received: 02/14/06

Date Extracted: 02/22/06

Date Analyzed: 03/07/06 21:42

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 3.42 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 2.00

Silica Gel: No

pH: 7.4

Percent Moisture: 31.9%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 290 | < 290 U |
| 53469-21-9 | Aroclor 1242 | 290 | < 290 U |
| 12672-29-6 | Aroclor 1248 | 290 | 1,500   |
| 11097-69-1 | Aroclor 1254 | 290 | 1,400   |
| 11096-82-5 | Aroclor 1260 | 290 | 510     |
| 11104-28-2 | Aroclor 1221 | 290 | < 290 U |
| 11141-16-5 | Aroclor 1232 | 290 | < 290 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 85.0% |
| Tetrachlorometaxylene | 76.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC9-1-2.6

SAMPLE

Lab Sample ID: JB30T

LIMS ID: 06-2821

Matrix: Sediment

Data Release Authorized:

Reported: 03/10/06

QC Report No: JB30-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/13/06

Date Received: 02/14/06

Date Extracted: 02/25/06

Date Analyzed: 03/02/06 04:50

Instrument/Analyst: ECD5/AAR

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: 100

Silica Gel: No

pH: 7.5

Percent Moisture: 49.5%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 400 | < 400 U |
| 53469-21-9 | Aroclor 1242 | 400 | < 400 U |
| 12672-29-6 | Aroclor 1248 | 400 | 630     |
| 11097-69-1 | Aroclor 1254 | 400 | 1,000   |
| 11096-82-5 | Aroclor 1260 | 400 | 1,100   |
| 11104-28-2 | Aroclor 1221 | 400 | < 400 U |
| 11141-16-5 | Aroclor 1232 | 400 | < 400 U |


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

**PCB Surrogate Recovery**

|                       |   |
|-----------------------|---|
| Decachlorobiphenyl    | D |
| Tetrachlorometaxylene | D |

ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC9-2.6-4  
SAMPLE

Lab Sample ID: JB30U  
LIMS ID: 06-2822  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/10/06 

QC Report No: JB30-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/13/06  
Date Received: 02/14/06

Date Extracted: 02/25/06  
Date Analyzed: 03/02/06 05:09  
Instrument/Analyst: ECD5/AAR  
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: 5.00  
Silica Gel: No  
pH: 7.3  
Percent Moisture: 39.3%

| 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 | < 20 U |
| 11097-69-1 | Aroclor 1254 | 20 | 26     |
| 11096-82-5 | Aroclor 1260 | 20 | 41     |
| 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 | 55.5% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC10-0-1  
SAMPLE

Lab Sample ID: JB20AH  
LIMS ID: 06-2606  
Matrix: Sediment  
Data Release Authorized: *[Signature]*  
Reported: 03/03/06

QC Report No: JB20-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/10/06  
Date Received: 02/10/06

Date Extracted: 02/21/06  
Date Analyzed: 02/27/06 12:24  
Instrument/Analyst: ECD5/AAR  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Acid Cleanup: Yes  
Florisil Cleanup: No

Sample Amount: 25.1 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 5.00  
Silica Gel: No  
pH: 7.4  
Percent Moisture: 26.3%

| CAS Number        | Analyte             | RL        | Result      |
|-------------------|---------------------|-----------|-------------|
| 12674-11-2        | Aroclor 1016        | 20        | < 20 U      |
| <b>53469-21-9</b> | <b>Aroclor 1242</b> | <b>20</b> | <b>77 P</b> |
| 12672-29-6        | Aroclor 1248        | 20        | < 20 U      |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>20</b> | <b>110</b>  |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>20</b> | <b>74</b>   |
| 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 | 65.2% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC10-1-2

SAMPLE

Lab Sample ID: JB20AI

LIMS ID: 06-2607

Matrix: Sediment

Data Release Authorized: *AS*

Reported: 03/03/06

QC Report No: JB20-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/10/06

Date Received: 02/10/06

Date Extracted: 02/21/06

Date Analyzed: 02/27/06 16:48

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 5.00

Silica Gel: No

pH: 7.6

Percent Moisture: 48.4%

| CAS Number        | Analyte             | RL        | Result     |
|-------------------|---------------------|-----------|------------|
| 12674-11-2        | Aroclor 1016        | 20        | < 20 U     |
| <b>53469-21-9</b> | <b>Aroclor 1242</b> | <b>20</b> | <b>68</b>  |
| 12672-29-6        | Aroclor 1248        | 20        | < 20 U     |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>20</b> | <b>130</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>20</b> | <b>92</b>  |
| 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    | 104%  |
| Tetrachlorometaxylene | 52.4% |



Sample ID: LDW-SC10-2-4  
SAMPLE

Lab Sample ID: JB20AJ  
LIMS ID: 06-2608  
Matrix: Sediment  
Data Release Authorized: *AS*  
Reported: 03/03/06

QC Report No: JB20-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/10/06  
Date Received: 02/10/06

Date Extracted: 02/21/06  
Date Analyzed: 02/27/06 12:43  
Instrument/Analyst: ECD5/AAR  
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: 20.0  
Silica Gel: No  
pH: 7.4  
Percent Moisture: 44.8%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 79 | < 79 U |
| 53469-21-9 | Aroclor 1242 | 79 | 250    |
| 12672-29-6 | Aroclor 1248 | 79 | < 79 U |
| 11097-69-1 | Aroclor 1254 | 79 | 520    |
| 11096-82-5 | Aroclor 1260 | 79 | 350    |
| 11104-28-2 | Aroclor 1221 | 79 | < 79 U |
| 11141-16-5 | Aroclor 1232 | 79 | < 79 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | D     |
| Tetrachlorometaxylene | 86.0% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC10-4-5  
SAMPLE

Lab Sample ID: JH57S  
LIMS ID: 06-7260  
Matrix: Sediment  
Data Release Authorized:  
Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/10/06  
Date Received: 02/10/06

Date Extracted: 05/04/06  
Date Analyzed: 05/08/06 20:08  
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: 7.8  
Percent Moisture: 49.6%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 3.9 | < 3.9 U |
| 53469-21-9 | Aroclor 1242 | 3.9 | 150 E   |
| 12672-29-6 | Aroclor 1248 | 3.9 | < 3.9 U |
| 11097-69-1 | Aroclor 1254 | 3.9 | 130 E   |
| 11096-82-5 | Aroclor 1260 | 3.9 | 96 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    | 84.2% |
| Tetrachlorometaxylene | 53.8% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA PCB by GC/ECD**  
 Page 1 of 1

**Sample ID: LDW-SC10-4-5**  
**DILUTION**

Lab Sample ID: JH57S  
 LIMS ID: 06-7260  
 Matrix: Sediment  
 Data Release Authorized:   
 Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/10/06  
 Date Received: 02/10/06

Date Extracted: 05/04/06  
 Date Analyzed: 05/10/06 11:54  
 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: 7.8  
 Percent Moisture: 49.6%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 20 | < 20 U |
| 53469-21-9 | Aroclor 1242 | 20 | 160    |
| 12672-29-6 | Aroclor 1248 | 20 | < 20 U |
| 11097-69-1 | Aroclor 1254 | 20 | 150    |
| 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    | 93.9% |
| Tetrachlorometaxylene | 51.5% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC10-6-8

SAMPLE

Lab Sample ID: JO76B

LIMS ID: 06-11850

Matrix: Sediment

Data Release Authorized: *VTS*

Reported: 07/21/06

QC Report No: JO76-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/10/06

Date Received: 02/10/06

Date Extracted: 07/14/06

Date Analyzed: 07/19/06 22:23

Instrument/Analyst: ECD2/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 26.0 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 8.4

Percent Moisture: 19.8%

| 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 | 120    |
| 11097-69-1 | Aroclor 1254 | 19 | 130    |
| 11096-82-5 | Aroclor 1260 | 19 | 99     |
| 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    | 91.8% |
| Tetrachlorometaxylene | 78.8% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC11-0-.8  
**SAMPLE**

Lab Sample ID: JB310  
 LIMS ID: 06-2839  
 Matrix: Sediment  
 Data Release Authorized:  
 Reported: 03/10/06

QC Report No: JB31-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/13/06  
 Date Received: 02/13/06

Date Extracted: 02/22/06  
 Date Analyzed: 03/08/06 03:01  
 Instrument/Analyst: ECD5/AAR  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Acid Cleanup: Yes  
 Florisil Cleanup: No

Sample Amount: 6.75 g-dry-wt  
 Final Extract Volume: 5.0 mL  
 Dilution Factor: 5.00  
 Silica Gel: No  
 pH: 7.7  
 Percent Moisture: 46.1%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 370 | < 370 U |
| 53469-21-9 | Aroclor 1242 | 370 | < 370 U |
| 12672-29-6 | Aroclor 1248 | 370 | 520     |
| 11097-69-1 | Aroclor 1254 | 370 | 1,900   |
| 11096-82-5 | Aroclor 1260 | 370 | 600     |
| 11104-28-2 | Aroclor 1221 | 370 | < 370 U |
| 11141-16-5 | Aroclor 1232 | 370 | < 370 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 83.1% |
| Tetrachlorometaxylene | 67.2% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC11-.8-2

**SAMPLE**

Lab Sample ID: JB31P

LIMS ID: 06-2840

Matrix: Sediment

Data Release Authorized: *AB*

Reported: 03/10/06

QC Report No: JB31-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/13/06

Date Received: 02/13/06

Date Extracted: 02/25/06

Date Analyzed: 03/01/06 01:12

Instrument/Analyst: ECD5/AAR

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: 7.3

Percent Moisture: 24.8%

| 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 | 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    | 71.5% |
| Tetrachlorometaxylene | 57.0% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC11-2-3.4  
SAMPLE

Lab Sample ID: JB31Q  
LIMS ID: 06-2841  
Matrix: Sediment  
Data Release Authorized:   
Reported: 03/10/06

QC Report No: JB31-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/13/06  
Date Received: 02/13/06

Date Extracted: 02/25/06  
Date Analyzed: 03/01/06 01:31  
Instrument/Analyst: ECD5/AAR  
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: 8.0  
Percent Moisture: 30.4%

| 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 | < 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 | 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    | 72.8% |
| Tetrachlorometaxylene | 60.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1


Sample ID: LDW-SC11-3.4-4.1

**SAMPLE**

Lab Sample ID: JB31R

LIMS ID: 06-2842

Matrix: Sediment

Data Release Authorized: 

Reported: 03/10/06

QC Report No: JB31-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/13/06

Date Received: 02/13/06

Date Extracted: 02/25/06

Date Analyzed: 03/01/06 01:50

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.3

Percent Moisture: 12.8%

| 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 | < 4.0 U |
| 11097-69-1 | Aroclor 1254 | 4.0 | < 4.0 U |
| 11096-82-5 | Aroclor 1260 | 4.0 | < 4.0 U |
| 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    | 75.2% |
| Tetrachlorometaxylene | 64.5% |



**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC12-0-2

**SAMPLE**

Lab Sample ID: JB82S

LIMS ID: 06-3268

Matrix: Sediment

Data Release Authorized: *AB*

Reported: 03/16/06

QC Report No: JB82-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/16/06

Date Received: 02/16/06

Date Extracted: 02/28/06

Date Analyzed: 03/13/06 14:52

Instrument/Analyst: ECD5/YZ

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: 5.00

Silica Gel: No

pH: 7.6

Percent Moisture: 48.1%

| 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 | 82     |
| 11097-69-1 | Aroclor 1254 | 20 | 150    |
| 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    | 101%  |
| Tetrachlorometaxylene | 63.8% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC12-0-.5

SAMPLE

Lab Sample ID: JL33A

LIMS ID: 06-9392

Matrix: Sediment

Data Release Authorized: *AS*

Reported: 06/22/06

QC Report No: JL33-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/16/06

Date Received: 02/16/06

Date Extracted: 06/15/06

Date Analyzed: 06/20/06 07:41

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.1 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 6.9

Percent Moisture: 45.5%

| 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 | 12  | < 12 Y  |
| 11097-69-1 | Aroclor 1254 | 4.0 | 39      |
| 11096-82-5 | Aroclor 1260 | 4.0 | 25      |
| 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    | 65.2% |
| Tetrachlorometaxylene | 53.5% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC12-.5-1

SAMPLE

Lab Sample ID: JL33B

LIMS ID: 06-9393

Matrix: Sediment

Data Release Authorized:

Reported: 06/22/06

QC Report No: JL33-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/16/06

Date Received: 02/16/06

Date Extracted: 06/15/06

Date Analyzed: 06/20/06 10:59

Instrument/Analyst: ECD5/AAR

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: 2.00

Silica Gel: No

pH: 7.0

Percent Moisture: 55.5%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 7.8 | < 7.8 U |
| 53469-21-9 | Aroclor 1242 | 7.8 | < 7.8 U |
| 12672-29-6 | Aroclor 1248 | 24  | < 24 Y  |
| 11097-69-1 | Aroclor 1254 | 7.8 | 58      |
| 11096-82-5 | Aroclor 1260 | 7.8 | 48      |
| 11104-28-2 | Aroclor 1221 | 7.8 | < 7.8 U |
| 11141-16-5 | Aroclor 1232 | 7.8 | < 7.8 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 74.5% |
| Tetrachlorometaxylene | 51.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC12-1-1.5  
SAMPLE

Lab Sample ID: JL33C

LIMS ID: 06-9394

Matrix: Sediment

Data Release Authorized:

Reported: 06/22/06



QC Report No: JL33-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/16/06

Date Received: 02/16/06

Date Extracted: 06/15/06

Date Analyzed: 06/20/06 11:16

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 5.00

Silica Gel: No

pH: 7.2

Percent Moisture: 56.4%

| 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 | 40 | < 40 Y |
| 11097-69-1 | Aroclor 1254 | 20 | 72     |
| 11096-82-5 | Aroclor 1260 | 20 | 62     |
| 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    | 78.6% |
| Tetrachlorometaxylene | 56.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC12-1.5-2

SAMPLE

Lab Sample ID: JL33D

LIMS ID: 06-9395

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 06/22/06

QC Report No: JL33-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/16/06

Date Received: 02/16/06

Date Extracted: 06/15/06

Date Analyzed: 06/20/06 12:46

Instrument/Analyst: ECD5/AAR

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: 10.0

Silica Gel: No

pH: 7.3

Percent Moisture: 54.1%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 39  | < 39 U  |
| 53469-21-9 | Aroclor 1242 | 39  | < 39 U  |
| 12672-29-6 | Aroclor 1248 | 140 | < 140 Y |
| 11097-69-1 | Aroclor 1254 | 39  | 200     |
| 11096-82-5 | Aroclor 1260 | 39  | 120     |
| 11104-28-2 | Aroclor 1221 | 39  | < 39 U  |
| 11141-16-5 | Aroclor 1232 | 39  | < 39 U  |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 110%  |
| Tetrachlorometaxylene | 63.2% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC12-2-4


**SAMPLE**

Lab Sample ID: JB82T

LIMS ID: 06-3269

Matrix: Sediment

Data Release Authorized:

Reported: 03/16/06 

QC Report No: JB82-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/16/06

Date Received: 02/16/06

Date Extracted: 02/28/06

Date Analyzed: 03/07/06 22:38

Instrument/Analyst: ECD5/YZ

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 4.02 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 2.00

Silica Gel: No

pH: 8.0

Percent Moisture: 46.6%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 250 | < 250 U |
| 53469-21-9 | Aroclor 1242 | 250 | < 250 U |
| 12672-29-6 | Aroclor 1248 | 250 | 690     |
| 11097-69-1 | Aroclor 1254 | 250 | 1,200   |
| 11096-82-5 | Aroclor 1260 | 250 | 570     |
| 11104-28-2 | Aroclor 1221 | 250 | < 250 U |
| 11141-16-5 | Aroclor 1232 | 250 | < 250 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 78.0% |
| Tetrachlorometaxylene | 76.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC12-2-2.5

SAMPLE

Lab Sample ID: JL33E

LIMS ID: 06-9396

Matrix: Sediment

Data Release Authorized:

Reported: 06/22/06

QC Report No: JL33-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/16/06

Date Received: 02/16/06

Date Extracted: 06/15/06

Date Analyzed: 06/20/06 07:59

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 0.51 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.3

Percent Moisture: 50.6%

| CAS Number        | Analyte             | RL         | Result       |
|-------------------|---------------------|------------|--------------|
| 12674-11-2        | Aroclor 1016        | 200        | < 200 U      |
| 53469-21-9        | Aroclor 1242        | 200        | < 200 U      |
| 12672-29-6        | Aroclor 1248        | 590        | < 590 Y      |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>200</b> | <b>1,300</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>200</b> | <b>740 P</b> |
| 11104-28-2        | Aroclor 1221        | 200        | < 200 U      |
| 11141-16-5        | Aroclor 1232        | 200        | < 200 U      |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 80.8% |
| Tetrachlorometaxylene | 59.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC12-2.5-3

**SAMPLE**

Lab Sample ID: JL33F

LIMS ID: 06-9397

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 06/22/06

QC Report No: JL33-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/16/06

Date Received: 02/16/06

Date Extracted: 06/15/06

Date Analyzed: 06/20/06 14:16

Instrument/Analyst: ECD5/AAR

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: 10.0

Silica Gel: No

pH: 7.3

Percent Moisture: 42.3%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 39 | < 39 U |
| 53469-21-9 | Aroclor 1242 | 39 | < 39 U |
| 12672-29-6 | Aroclor 1248 | 39 | 230    |
| 11097-69-1 | Aroclor 1254 | 39 | 270    |
| 11096-82-5 | Aroclor 1260 | 39 | 130    |
| 11104-28-2 | Aroclor 1221 | 39 | < 39 U |
| 11141-16-5 | Aroclor 1232 | 39 | < 39 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 104%  |
| Tetrachlorometaxylene | 54.8% |



**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC12-3-3.5

SAMPLE

Lab Sample ID: JL33G

LIMS ID: 06-9398

Matrix: Sediment

Data Release Authorized: *AS*

Reported: 06/22/06

QC Report No: JL33-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/16/06

Date Received: 02/16/06

Date Extracted: 06/15/06

Date Analyzed: 06/20/06 11:35

Instrument/Analyst: ECD5/AAR

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: 7.2

Percent Moisture: 44.6%

| 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 | 58 | < 58 Y |
| 11097-69-1 | Aroclor 1254 | 20 | 92     |
| 11096-82-5 | Aroclor 1260 | 20 | 46     |
| 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    | 80.2% |
| Tetrachlorometaxylene | 54.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC12-3.5-4

**SAMPLE**

Lab Sample ID: JL33H

LIMS ID: 06-9399

Matrix: Sediment

Data Release Authorized:

Reported: 06/22/06

QC Report No: JL33-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/16/06

Date Received: 02/16/06

Date Extracted: 06/15/06

Date Analyzed: 06/20/06 15:10

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 25.0

Silica Gel: No

pH: 7.3

Percent Moisture: 48.7%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 99  | < 99 U  |
| 53469-21-9 | Aroclor 1242 | 99  | < 99 U  |
| 12672-29-6 | Aroclor 1248 | 250 | < 250 Y |
| 11097-69-1 | Aroclor 1254 | 99  | 510     |
| 11096-82-5 | Aroclor 1260 | 99  | 280     |
| 11104-28-2 | Aroclor 1221 | 99  | < 99 U  |
| 11141-16-5 | Aroclor 1232 | 99  | < 99 U  |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 110%  |
| Tetrachlorometaxylene | 70.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1


Sample ID: LDW-SC12-4-6.7

SAMPLE

Lab Sample ID: JH570

LIMS ID: 06-7256

Matrix: Sediment

Data Release Authorized: 

Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/16/06

Date Received: 02/16/06

Date Extracted: 05/04/06

Date Analyzed: 05/09/06 16:57

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: 8.4

Percent Moisture: 46.3%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 20  | < 20 Y  |
| 53469-21-9 | Aroclor 1242 | 24  | < 24 Y  |
| 12672-29-6 | Aroclor 1248 | 27  | < 27 Y  |
| 11097-69-1 | Aroclor 1254 | 3.9 | 140 E   |
| 11096-82-5 | Aroclor 1260 | 3.9 | 260 E   |
| 11104-28-2 | Aroclor 1221 | 7.8 | < 7.8 Y |
| 11141-16-5 | Aroclor 1232 | 24  | < 24 Y  |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | NR    |
| Tetrachlorometaxylene | 42.2% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1


Sample ID: LDW-SC12-4-6.7

DILUTION

Lab Sample ID: JH570

LIMS ID: 06-7256

Matrix: Sediment

Data Release Authorized: 

Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/16/06

Date Received: 02/16/06

Date Extracted: 05/04/06

Date Analyzed: 05/10/06 19:59

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: 10.0

Silica Gel: No

pH: 8.4

Percent Moisture: 46.3%

| CAS Number        | Analyte             | RL        | Result     |
|-------------------|---------------------|-----------|------------|
| 12674-11-2        | Aroclor 1016        | 39        | < 39 U     |
| 53469-21-9        | Aroclor 1242        | 39        | < 39 U     |
| 12672-29-6        | Aroclor 1248        | 39        | < 39 U     |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>39</b> | <b>170</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>39</b> | <b>250</b> |
| 11104-28-2        | Aroclor 1221        | 39        | < 39 U     |
| 11141-16-5        | Aroclor 1232        | 39        | < 39 U     |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | NR    |
| Tetrachlorometaxylene | 58.2% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC12-6.7-8.7

**SAMPLE**

Lab Sample ID: JO76C

LIMS ID: 06-11851

Matrix: Sediment

Data Release Authorized: *VTS*

Reported: 07/21/06

QC Report No: JO76-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/16/06

Date Received: 02/16/06

Date Extracted: 07/14/06

Date Analyzed: 07/19/06 11:49

Instrument/Analyst: ECD2/AAR

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: 8.5

Percent Moisture: 22.2%

| 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 | < 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 | 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    | 64.8% |
| Tetrachlorometaxylene | 60.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1


Sample ID: LDW-SC13-0-2

SAMPLE

Lab Sample ID: JB30B

LIMS ID: 06-2803

Matrix: Sediment

Data Release Authorized: 

Reported: 03/10/06

QC Report No: JB30-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/13/06

Date Received: 02/14/06

Date Extracted: 02/25/06

Date Analyzed: 03/02/06 04:12

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 13.3 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 5.00

Silica Gel: No

pH: 7.4

Percent Moisture: 34.8%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 38 | < 38 U |
| 53469-21-9 | Aroclor 1242 | 38 | < 38 U |
| 12672-29-6 | Aroclor 1248 | 38 | 62     |
| 11097-69-1 | Aroclor 1254 | 38 | 200    |
| 11096-82-5 | Aroclor 1260 | 38 | 220    |
| 11104-28-2 | Aroclor 1221 | 38 | < 38 U |
| 11141-16-5 | Aroclor 1232 | 38 | < 38 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 129%  |
| Tetrachlorometaxylene | 49.4% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC13-0-.5

SAMPLE

Lab Sample ID: JL32A

LIMS ID: 06-9375

Matrix: Sediment

Data Release Authorized: *AB*

Reported: 06/20/06

QC Report No: JL32-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/13/06

Date Received: 02/14/06

Date Extracted: 06/13/06

Date Analyzed: 06/17/06 15:17

Instrument/Analyst: ECD5/AAR

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: 20.0

Silica Gel: No

pH: 6.8

Percent Moisture: 21.5%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 79  | < 79 U  |
| 53469-21-9 | Aroclor 1242 | 79  | < 79 U  |
| 12672-29-6 | Aroclor 1248 | 160 | < 160 Y |
| 11097-69-1 | Aroclor 1254 | 79  | 320     |
| 11096-82-5 | Aroclor 1260 | 79  | 140     |
| 11104-28-2 | Aroclor 1221 | 79  | < 79 U  |
| 11141-16-5 | Aroclor 1232 | 79  | < 79 U  |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 129%  |
| Tetrachlorometaxylene | 83.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC13-.5-1

**SAMPLE**

Lab Sample ID: JL32B

LIMS ID: 06-9376

Matrix: Sediment

Data Release Authorized:

Reported: 06/20/06

QC Report No: JL32-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/13/06

Date Received: 02/14/06

Date Extracted: 06/13/06

Date Analyzed: 06/17/06 15:35

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.0 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 20.0

Silica Gel: No

pH: 7.3

Percent Moisture: 32.4%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 80 | < 80 U |
| 53469-21-9 | Aroclor 1242 | 80 | < 80 U |
| 12672-29-6 | Aroclor 1248 | 80 | < 80 U |
| 11097-69-1 | Aroclor 1254 | 80 | 250    |
| 11096-82-5 | Aroclor 1260 | 80 | 220    |
| 11104-28-2 | Aroclor 1221 | 80 | < 80 U |
| 11141-16-5 | Aroclor 1232 | 80 | < 80 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 170%  |
| Tetrachlorometaxylene | 77.0% |



ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SC13-1-1.5  
SAMPLE

Lab Sample ID: JL32C

LIMS ID: 06-9377

Matrix: Sediment

Data Release Authorized:

Reported: 06/20/06

QC Report No: JL32-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/13/06

Date Received: 02/14/06

Date Extracted: 06/13/06

Date Analyzed: 06/17/06 12:54

Instrument/Analyst: ECD5/AAR

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: 10.0

Silica Gel: No

pH: 7.3

Percent Moisture: 46.5%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 39 | < 39 U |
| 53469-21-9 | Aroclor 1242 | 39 | < 39 U |
| 12672-29-6 | Aroclor 1248 | 39 | < 39 U |
| 11097-69-1 | Aroclor 1254 | 39 | 150    |
| 11096-82-5 | Aroclor 1260 | 39 | 130    |
| 11104-28-2 | Aroclor 1221 | 39 | < 39 U |
| 11141-16-5 | Aroclor 1232 | 39 | < 39 U |

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

PCB Surrogate Recovery

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | D     |
| Tetrachlorometaxylene | 49.5% |

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SC13-1.5-2

SAMPLE

Lab Sample ID: JL32D

LIMS ID: 06-9378

Matrix: Sediment

Data Release Authorized: *MB*

Reported: 06/20/06

QC Report No: JL32-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/13/06

Date Received: 02/14/06

Date Extracted: 06/13/06

Date Analyzed: 06/17/06 13:12

Instrument/Analyst: ECD5/AAR

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: 10.0

Silica Gel: No

pH: 7.3

Percent Moisture: 49.5%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 39 | < 39 U |
| 53469-21-9 | Aroclor 1242 | 39 | < 39 U |
| 12672-29-6 | Aroclor 1248 | 39 | < 39 U |
| 11097-69-1 | Aroclor 1254 | 39 | 120    |
| 11096-82-5 | Aroclor 1260 | 39 | 240    |
| 11104-28-2 | Aroclor 1221 | 39 | < 39 U |
| 11141-16-5 | Aroclor 1232 | 39 | < 39 U |


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

PCB Surrogate Recovery

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | D     |
| Tetrachlorometaxylene | 51.5% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC13-2-4  
SAMPLE

Lab Sample ID: JB30C  
LIMS ID: 06-2804  
Matrix: Sediment  
Data Release Authorized:   
Reported: 03/10/06

QC Report No: JB30-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/13/06  
Date Received: 02/14/06

Date Extracted: 02/25/06  
Date Analyzed: 03/01/06 05:36  
Instrument/Analyst: ECD5/AAR  
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: 7.8  
Percent Moisture: 33.1%

| 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        | 7.8        | < 7.8 Y     |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>3.9</b> | <b>61 E</b> |
| 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    | 140%  |
| Tetrachlorometaxylene | 54.5% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC13-2-4  
 DILUTION

Lab Sample ID: JB30C  
 LIMS ID: 06-2804  
 Matrix: Sediment  
 Data Release Authorized:   
 Reported: 03/10/06

QC Report No: JB30-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/13/06  
 Date Received: 02/14/06

Date Extracted: 02/25/06  
 Date Analyzed: 03/02/06 04:31  
 Instrument/Analyst: ECD5/AAR  
 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: 2.00  
 Silica Gel: No  
 pH: 7.8  
 Percent Moisture: 33.1%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 7.8 | < 7.8 U |
| 53469-21-9 | Aroclor 1242 | 7.8 | < 7.8 U |
| 12672-29-6 | Aroclor 1248 | 7.8 | < 7.8 U |
| 11097-69-1 | Aroclor 1254 | 7.8 | < 7.8 U |
| 11096-82-5 | Aroclor 1260 | 7.8 | 53      |
| 11104-28-2 | Aroclor 1221 | 7.8 | < 7.8 U |
| 11141-16-5 | Aroclor 1232 | 7.8 | < 7.8 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 134%  |
| Tetrachlorometaxylene | 53.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC13-2-2.5

SAMPLE

Lab Sample ID: JL32E

LIMS ID: 06-9379

Matrix: Sediment

Data Release Authorized: *AB*

Reported: 06/20/06

QC Report No: JL32-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/13/06

Date Received: 02/14/06

Date Extracted: 06/13/06

Date Analyzed: 06/17/06 13:30

Instrument/Analyst: ECD5/AAR

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: 10.0

Silica Gel: No

pH: 7.4

Percent Moisture: 49.9%

| 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 | < 40 U |
| 11097-69-1 | Aroclor 1254 | 40 | < 40 U |
| 11096-82-5 | Aroclor 1260 | 40 | 120    |
| 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    | D     |
| Tetrachlorometaxylene | 62.2% |

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SC13-2.5-3

SAMPLE

Lab Sample ID: JL32F

LIMS ID: 06-9380

Matrix: Sediment

Data Release Authorized: *AS*

Reported: 06/20/06

QC Report No: JL32-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/13/06

Date Received: 02/14/06

Date Extracted: 06/13/06

Date Analyzed: 06/17/06 09:01

Instrument/Analyst: ECD5/AAR

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: 7.4

Percent Moisture: 38.6%

| 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 | < 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 | 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    | 128%  |
| Tetrachlorometaxylene | 60.5% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1


Sample ID: LDW-SC13-3-3.5

SAMPLE

Lab Sample ID: JL32G

LIMS ID: 06-9381

Matrix: Sediment

Data Release Authorized: 

Reported: 06/20/06

QC Report No: JL32-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/13/06

Date Received: 02/14/06

Date Extracted: 06/13/06

Date Analyzed: 06/17/06 09:18

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 26.2 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.3

Percent Moisture: 28.6%

| 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 | < 3.8 U |
| 11097-69-1 | Aroclor 1254 | 3.8 | < 3.8 U |
| 11096-82-5 | Aroclor 1260 | 3.8 | < 3.8 U |
| 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    | 68.8% |
| Tetrachlorometaxylene | 62.8% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC14-0-1.4

SAMPLE

Lab Sample ID: JB31H

LIMS ID: 06-2832

Matrix: Sediment

Data Release Authorized: *AS*

Reported: 03/10/06

QC Report No: JB31-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/13/06

Date Received: 02/13/06

Date Extracted: 02/22/06

Date Analyzed: 03/07/06 22:19

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 2.87 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 2.00

Silica Gel: No

pH: 7.6

Percent Moisture: 43.0%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 350 | < 350 U |
| 53469-21-9 | Aroclor 1242 | 350 | < 350 U |
| 12672-29-6 | Aroclor 1248 | 350 | 1,600   |
| 11097-69-1 | Aroclor 1254 | 350 | 2,000   |
| 11096-82-5 | Aroclor 1260 | 350 | 870     |
| 11104-28-2 | Aroclor 1221 | 350 | < 350 U |
| 11141-16-5 | Aroclor 1232 | 350 | < 350 U |


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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 79.5% |
| Tetrachlorometaxylene | 74.5% |



Sample ID: LDW-SC14-1.4-2  
SAMPLE

Lab Sample ID: JB31I  
LIMS ID: 06-2833  
Matrix: Sediment  
Data Release Authorized:   
Reported: 03/10/06

QC Report No: JB31-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/13/06  
Date Received: 02/13/06

Date Extracted: 02/22/06  
Date Analyzed: 03/08/06 02:43  
Instrument/Analyst: ECD5/AAR  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Acid Cleanup: Yes  
Florisil Cleanup: No

Sample Amount: 13.6 g-dry-wt  
Final Extract Volume: 5.0 mL  
Dilution Factor: 5.00  
Silica Gel: No  
pH: 7.4  
Percent Moisture: 46.0%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 180 | < 180 U |
| 53469-21-9 | Aroclor 1242 | 180 | < 180 U |
| 12672-29-6 | Aroclor 1248 | 180 | 820     |
| 11097-69-1 | Aroclor 1254 | 180 | 860     |
| 11096-82-5 | Aroclor 1260 | 180 | 380     |
| 11104-28-2 | Aroclor 1221 | 180 | < 180 U |
| 11141-16-5 | Aroclor 1232 | 180 | < 180 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 71.8% |
| Tetrachlorometaxylene | 63.6% |

Sample ID: LDW-SC14-2-4.1  
SAMPLE

Lab Sample ID: JB31J  
LIMS ID: 06-2834  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/10/06

QC Report No: JB31-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/13/06  
Date Received: 02/13/06

Date Extracted: 02/25/06  
Date Analyzed: 03/02/06 03:53  
Instrument/Analyst: ECD5/AAR  
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: 20.0  
Silica Gel: No  
pH: 7.1  
Percent Moisture: 49.1%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 79 | < 79 U |
| 53469-21-9 | Aroclor 1242 | 79 | < 79 U |
| 12672-29-6 | Aroclor 1248 | 79 | 400    |
| 11097-69-1 | Aroclor 1254 | 79 | 610    |
| 11096-82-5 | Aroclor 1260 | 79 | 540    |
| 11104-28-2 | Aroclor 1221 | 79 | < 79 U |
| 11141-16-5 | Aroclor 1232 | 79 | < 79 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | D     |
| Tetrachlorometaxylene | 71.5% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC14-4.1-6

**SAMPLE**

Lab Sample ID: JH57Y

LIMS ID: 06-7266

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/13/06

Date Received: 02/13/06

Date Extracted: 05/04/06

Date Analyzed: 05/08/06 21:20

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: 7.7

Percent Moisture: 48.2%

| CAS Number | Analyte             | RL         | Result       |
|------------|---------------------|------------|--------------|
| 12674-11-2 | Aroclor 1016        | 39         | < 39 Y       |
| 53469-21-9 | Aroclor 1242        | 59         | < 59 Y       |
| 12672-29-6 | Aroclor 1248        | 59         | < 59 Y       |
| 11097-69-1 | <b>Aroclor 1254</b> | <b>3.9</b> | <b>220 E</b> |
| 11096-82-5 | <b>Aroclor 1260</b> | <b>3.9</b> | <b>260 E</b> |
| 11104-28-2 | Aroclor 1221        | 16         | < 16 Y       |
| 11141-16-5 | Aroclor 1232        | 79         | < 79 Y       |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | NR    |
| Tetrachlorometaxylene | 51.8% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC14-4.1-6

DILUTION

Lab Sample ID: JH57Y

LIMS ID: 06-7266

Matrix: Sediment

Data Release Authorized: *AS*

Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/13/06

Date Received: 02/13/06

Date Extracted: 05/04/06

Date Analyzed: 05/10/06 12:30

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: 10.0

Silica Gel: No

pH: 7.7

Percent Moisture: 48.2%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 79 | < 79 Y |
| 53469-21-9 | Aroclor 1242 | 79 | < 79 Y |
| 12672-29-6 | Aroclor 1248 | 39 | < 39 U |
| 11097-69-1 | Aroclor 1254 | 39 | 180    |
| 11096-82-5 | Aroclor 1260 | 39 | 240    |
| 11104-28-2 | Aroclor 1221 | 39 | < 39 U |
| 11141-16-5 | Aroclor 1232 | 79 | < 79 Y |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | NR    |
| Tetrachlorometaxylene | 58.8% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC14-6-8.7  
**SAMPLE**

Lab Sample ID: JO76D  
 LIMS ID: 06-11852  
 Matrix: Sediment  
 Data Release Authorized: **VTS**  
 Reported: 07/21/06

QC Report No: JO76-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/13/06  
 Date Received: 02/13/06

Date Extracted: 07/14/06  
 Date Analyzed: 07/19/06 12:09  
 Instrument/Analyst: ECD2/AAR  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Acid Cleanup: Yes  
 Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt  
 Final Extract Volume: 1.0 mL  
 Dilution Factor: 1.00  
 Silica Gel: No  
 pH: 8.5  
 Percent Moisture: 40.2%

| 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 | 5.9 | < 5.9 Y |
| 11097-69-1 | Aroclor 1254 | 4.0 | 31      |
| 11096-82-5 | Aroclor 1260 | 4.0 | 44 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    | 120%  |
| Tetrachlorometaxylene | 50.8% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC14-6-8.7

DILUTION

Lab Sample ID: JO76D

LIMS ID: 06-11852

Matrix: Sediment

Data Release Authorized: *VTS*

Reported: 07/21/06

QC Report No: JO76-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/13/06

Date Received: 02/13/06

Date Extracted: 07/14/06

Date Analyzed: 07/19/06 19:45

Instrument/Analyst: ECD2/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 2.00

Silica Gel: No

pH: 8.5

Percent Moisture: 40.2%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 7.9 | < 7.9 U |
| 53469-21-9 | Aroclor 1242 | 7.9 | < 7.9 U |
| 12672-29-6 | Aroclor 1248 | 7.9 | < 7.9 U |
| 11097-69-1 | Aroclor 1254 | 7.9 | 30      |
| 11096-82-5 | Aroclor 1260 | 7.9 | 39      |
| 11104-28-2 | Aroclor 1221 | 7.9 | < 7.9 U |
| 11141-16-5 | Aroclor 1232 | 7.9 | < 7.9 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 100%  |
| Tetrachlorometaxylene | 43.2% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC14-10-11

**SAMPLE**

Lab Sample ID: JO76E

LIMS ID: 06-11853

Matrix: Sediment

Data Release Authorized: *VTS*

Reported: 07/21/06

QC Report No: JO76-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/13/06

Date Received: 02/13/06

Date Extracted: 07/14/06

Date Analyzed: 07/19/06 12:29

Instrument/Analyst: ECD2/AAR

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: 9.0

Percent Moisture: 25.1%

| 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 | 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    | 75.2% |
| Tetrachlorometaxylene | 67.5% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC15-0-1  
**SAMPLE**

Lab Sample ID: JB98A  
 LIMS ID: 06-3365  
 Matrix: Sediment  
 Data Release Authorized: *WVW*  
 Reported: 03/15/06

QC Report No: JB98-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/17/06  
 Date Received: 02/17/06

Date Extracted: 03/03/06  
 Date Analyzed: 03/10/06 22:09  
 Instrument/Analyst: ECD5/YZ  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Acid Cleanup: Yes  
 Florisil Cleanup: No

Sample Amount: 12.1 g-dry-wt  
 Final Extract Volume: 5.0 mL  
 Dilution Factor: 1.00  
 Silica Gel: No  
 pH: 6.4  
 Percent Moisture: 51.5%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 41 | < 41 U |
| 53469-21-9 | Aroclor 1242 | 41 | < 41 U |
| 12672-29-6 | Aroclor 1248 | 41 | 100    |
| 11097-69-1 | Aroclor 1254 | 41 | 140    |
| 11096-82-5 | Aroclor 1260 | 41 | 120    |
| 11104-28-2 | Aroclor 1221 | 41 | < 41 U |
| 11141-16-5 | Aroclor 1232 | 41 | < 41 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 77.8% |
| Tetrachlorometaxylene | 72.0% |



ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC15-1-2  
SAMPLE

Lab Sample ID: JB98B  
LIMS ID: 06-3366  
Matrix: Sediment  
Data Release Authorized: *WWW*  
Reported: 03/15/06

QC Report No: JB98-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/17/06  
Date Received: 02/17/06

Date Extracted: 03/03/06  
Date Analyzed: 03/13/06 17:42  
Instrument/Analyst: ECD5/YZ  
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: 7.1  
Percent Moisture: 49.3%

| 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 | 63     |
| 11097-69-1 | Aroclor 1254 | 20 | 140    |
| 11096-82-5 | Aroclor 1260 | 20 | 140 P  |
| 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    | NR    |
| Tetrachlorometaxylene | 67.1% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC15-2-4

**SAMPLE**

Lab Sample ID: JB98C

LIMS ID: 06-3367

Matrix: Sediment

Data Release Authorized: *WV*

Reported: 03/15/06

QC Report No: JB98-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/17/06

Date Received: 02/17/06

Date Extracted: 03/03/06

Date Analyzed: 03/13/06 20:51

Instrument/Analyst: ECD5/YZ

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.1 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 10.0

Silica Gel: No

pH: 6.7

Percent Moisture: 47.8%

| 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 | 160    |
| 11097-69-1 | Aroclor 1254 | 40 | 170    |
| 11096-82-5 | Aroclor 1260 | 40 | 180    |
| 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    | 115%  |
| Tetrachlorometaxylene | 65.5% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC15-4-6  
SAMPLE

Lab Sample ID: JH57L

LIMS ID: 06-7253

Matrix: Sediment

Data Release Authorized:

Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/17/06

Date Received: 02/17/06

Date Extracted: 05/04/06

Date Analyzed: 05/08/06 18:38

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: 1.00

Silica Gel: No

pH: 7.8

Percent Moisture: 48.6%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 4.0 | < 4.0 U |
| 53469-21-9 | Aroclor 1242 | 4.0 | 760 E   |
| 12672-29-6 | Aroclor 1248 | 4.0 | < 4.0 U |
| 11097-69-1 | Aroclor 1254 | 4.0 | 450 E   |
| 11096-82-5 | Aroclor 1260 | 4.0 | 390 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    | 201%  |
| Tetrachlorometaxylene | 52.5% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC15-4-6  
 DILUTION

Lab Sample ID: JH57L  
 LIMS ID: 06-7253  
 Matrix: Sediment  
 Data Release Authorized:  
 Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/17/06  
 Date Received: 02/17/06

Date Extracted: 05/04/06  
 Date Analyzed: 05/09/06 13:21  
 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: 50.0  
 Silica Gel: No  
 pH: 7.8  
 Percent Moisture: 48.6%

| CAS Number        | Analyte             | RL         | Result     |
|-------------------|---------------------|------------|------------|
| 12674-11-2        | Aroclor 1016        | 200        | < 200 U    |
| <b>53469-21-9</b> | <b>Aroclor 1242</b> | <b>200</b> | <b>900</b> |
| 12672-29-6        | Aroclor 1248        | 200        | < 200 U    |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>200</b> | <b>480</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>200</b> | <b>570</b> |
| 11104-28-2        | Aroclor 1221        | 200        | < 200 U    |
| 11141-16-5        | Aroclor 1232        | 200        | < 200 U    |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | NR    |
| Tetrachlorometaxylene | 75.5% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC15-8-10  
**SAMPLE**

Lab Sample ID: JO76F  
 LIMS ID: 06-11854  
 Matrix: Sediment  
 Data Release Authorized: **UJS**  
 Reported: 07/21/06

QC Report No: JO76-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/17/06  
 Date Received: 02/17/06

Date Extracted: 07/14/06  
 Date Analyzed: 07/19/06 12:49  
 Instrument/Analyst: ECD2/AAR  
 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: 1.00  
 Silica Gel: No  
 pH: 8.4  
 Percent Moisture: 19.2%

| 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 | < 4.0 U |
| 11097-69-1 | Aroclor 1254 | 4.0 | < 4.0 U |
| 11096-82-5 | Aroclor 1260 | 4.0 | < 4.0 U |
| 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    | 66.8% |
| Tetrachlorometaxylene | 69.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1


Sample ID: LDW-SC16-0-2

SAMPLE

Lab Sample ID: JB46F

LIMS ID: 06-2921

Matrix: Sediment

Data Release Authorized: 

Reported: 03/10/06

QC Report No: JB46-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/14/06

Date Received: 02/14/06

Date Extracted: 02/27/06

Date Analyzed: 03/08/06 03:20

Instrument/Analyst: ECD5/YZ

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: 7.2

Percent Moisture: 49.0%

| 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 | 140    |
| 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    | 73.4% |
| Tetrachlorometaxylene | 42.8% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC16-2-4  
SAMPLE

Lab Sample ID: JB46G  
LIMS ID: 06-2922  
Matrix: Sediment  
Data Release Authorized: *AS*  
Reported: 03/10/06

QC Report No: JB46-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/14/06  
Date Received: 02/14/06

Date Extracted: 02/27/06  
Date Analyzed: 03/02/06 08:36  
Instrument/Analyst: ECD5/YZ  
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: 51.8%

| 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 | 1,400 E |
| 11097-69-1 | Aroclor 1254 | 3.9 | 1,300 E |
| 11096-82-5 | Aroclor 1260 | 3.9 | 980 EP  |
| 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    | NR    |
| Tetrachlorometaxylene | 50.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC16-2-4

DILUTION

Lab Sample ID: JB46G

LIMS ID: 06-2922

Matrix: Sediment

Data Release Authorized: *AS*

Reported: 03/10/06

QC Report No: JB46-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/14/06

Date Received: 02/14/06

Date Extracted: 02/27/06

Date Analyzed: 03/08/06 00:50

Instrument/Analyst: ECD5/YZ

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: 100

Silica Gel: No

pH: 7.5

Percent Moisture: 51.8%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 390 | < 390 U |
| 53469-21-9 | Aroclor 1242 | 390 | < 390 U |
| 12672-29-6 | Aroclor 1248 | 390 | 2,100   |
| 11097-69-1 | Aroclor 1254 | 390 | 2,500   |
| 11096-82-5 | Aroclor 1260 | 390 | 840     |
| 11104-28-2 | Aroclor 1221 | 390 | < 390 U |
| 11141-16-5 | Aroclor 1232 | 390 | < 390 U |

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

**PCB Surrogate Recovery**

|                       |   |
|-----------------------|---|
| Decachlorobiphenyl    | D |
| Tetrachlorometaxylene | D |



**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1


Sample ID: LDW-SC16-4-6

SAMPLE

Lab Sample ID: JH57T

LIMS ID: 06-7261

Matrix: Sediment

Data Release Authorized: 

Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/14/06

Date Received: 02/14/06

Date Extracted: 05/05/06

Date Analyzed: 05/09/06 23:32

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 3.66 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.8

Percent Moisture: 51.2%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 140 | < 140 U |
| 53469-21-9 | Aroclor 1242 | 140 | 610     |
| 12672-29-6 | Aroclor 1248 | 140 | < 140 U |
| 11097-69-1 | Aroclor 1254 | 140 | 1,500 E |
| 11096-82-5 | Aroclor 1260 | 140 | 1,200   |
| 11104-28-2 | Aroclor 1221 | 140 | < 140 U |
| 11141-16-5 | Aroclor 1232 | 140 | < 140 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 108%  |
| Tetrachlorometaxylene | 67.2% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC16-4-6  
 DILUTION

Lab Sample ID: JH57T  
 LIMS ID: 06-7261  
 Matrix: Sediment  
 Data Release Authorized: *AS*  
 Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/14/06  
 Date Received: 02/14/06

Date Extracted: 05/05/06  
 Date Analyzed: 05/10/06 22:05  
 Instrument/Analyst: ECD5/PK  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Acid Cleanup: Yes  
 Florisil Cleanup: No

Sample Amount: 3.66 g-dry-wt  
 Final Extract Volume: 5.0 mL  
 Dilution Factor: 3.00  
 Silica Gel: No  
 pH: 7.8  
 Percent Moisture: 51.2%

| CAS Number        | Analyte             | RL         | Result       |
|-------------------|---------------------|------------|--------------|
| 12674-11-2        | Aroclor 1016        | 410        | < 410 U      |
| <b>53469-21-9</b> | <b>Aroclor 1242</b> | <b>410</b> | <b>630</b>   |
| 12672-29-6        | Aroclor 1248        | 410        | < 410 U      |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>410</b> | <b>1,600</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>410</b> | <b>1,200</b> |
| 11104-28-2        | Aroclor 1221        | 410        | < 410 U      |
| 11141-16-5        | Aroclor 1232        | 410        | < 410 U      |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 108%  |
| Tetrachlorometaxylene | 69.4% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1


Sample ID: LDW-SC16-8-10

**SAMPLE**

Lab Sample ID: JH57U

LIMS ID: 06-7262

Matrix: Sediment

Data Release Authorized: 

Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/14/06

Date Received: 02/14/06

Date Extracted: 05/04/06

Date Analyzed: 05/09/06 17:33

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: 7.6

Percent Moisture: 37.9%

| CAS Number        | Analyte             | RL         | Result    |
|-------------------|---------------------|------------|-----------|
| 12674-11-2        | Aroclor 1016        | 3.8        | < 3.8 U   |
| 53469-21-9        | Aroclor 1242        | 7.7        | < 7.7 Y   |
| 12672-29-6        | Aroclor 1248        | 7.7        | < 7.7 Y   |
| 11097-69-1        | Aroclor 1254        | 3.8        | < 3.8 U   |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>3.8</b> | <b>18</b> |
| 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    | NR    |
| Tetrachlorometaxylene | 51.5% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC17-0-1

SAMPLE

Lab Sample ID: JC42G

LIMS ID: 06-3822

Matrix: Sediment

Data Release Authorized: *AS*

Reported: 03/27/06

QC Report No: JC42-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/24/06

Date Received: 02/24/06

Date Extracted: 03/09/06

Date Analyzed: 03/16/06 02:29

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 2.26 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.3

Percent Moisture: 55.0%

| CAS Number        | Analyte             | RL         | Result     |
|-------------------|---------------------|------------|------------|
| 12674-11-2        | Aroclor 1016        | 220        | < 220 U    |
| 53469-21-9        | Aroclor 1242        | 220        | < 220 U    |
| <b>12672-29-6</b> | <b>Aroclor 1248</b> | <b>220</b> | <b>390</b> |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>220</b> | <b>510</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>220</b> | <b>320</b> |
| 11104-28-2        | Aroclor 1221        | 220        | < 220 U    |
| 11141-16-5        | Aroclor 1232        | 220        | < 220 U    |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 72.0% |
| Tetrachlorometaxylene | 62.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1


Sample ID: LDW-SC17-1-2

**SAMPLE**

Lab Sample ID: JC42H

LIMS ID: 06-3823

Matrix: Sediment

Data Release Authorized: 

Reported: 03/27/06

QC Report No: JC42-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/24/06

Date Received: 02/24/06

Date Extracted: 03/09/06

Date Analyzed: 03/16/06 04:03

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 5.87 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.7

Percent Moisture: 53.1%

| CAS Number        | Analyte             | RL        | Result     |
|-------------------|---------------------|-----------|------------|
| 12674-11-2        | Aroclor 1016        | 85        | < 85 U     |
| 53469-21-9        | Aroclor 1242        | 85        | < 85 U     |
| <b>12672-29-6</b> | <b>Aroclor 1248</b> | <b>85</b> | <b>320</b> |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>85</b> | <b>500</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>85</b> | <b>220</b> |
| 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    | 60.8% |
| Tetrachlorometaxylene | 55.0% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC17-2-4  
SAMPLE

Lab Sample ID: JC42I  
LIMS ID: 06-3824  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/27/06 *AB*

QC Report No: JC42-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/24/06  
Date Received: 02/24/06

Date Extracted: 03/09/06  
Date Analyzed: 03/24/06 14:14  
Instrument/Analyst: ECD5/AAR  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Acid Cleanup: Yes  
Florisil Cleanup: No

Sample Amount: 2.23 g-dry-wt  
Final Extract Volume: 5.0 mL  
Dilution Factor: 4.00  
Silica Gel: No  
pH: 8.2  
Percent Moisture: 55.8%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 900 | < 900 U |
| 53469-21-9 | Aroclor 1242 | 900 | < 900 U |
| 12672-29-6 | Aroclor 1248 | 900 | 1,700   |
| 11097-69-1 | Aroclor 1254 | 900 | 2,700   |
| 11096-82-5 | Aroclor 1260 | 900 | 5,400   |
| 11104-28-2 | Aroclor 1221 | 900 | < 900 U |
| 11141-16-5 | Aroclor 1232 | 900 | < 900 U |


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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 118%  |
| Tetrachlorometaxylene | 72.8% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC17-6-8.2  
SAMPLE

Lab Sample ID: JH57AD  
LIMS ID: 06-7271  
Matrix: Sediment  
Data Release Authorized:   
Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/24/06  
Date Received: 02/24/06

Date Extracted: 05/05/06  
Date Analyzed: 05/10/06 00:44  
Instrument/Analyst: ECD5/PK  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Acid Cleanup: Yes  
Florisil Cleanup: No

Sample Amount: 2.79 g-dry-wt  
Final Extract Volume: 5.0 mL  
Dilution Factor: 1.00  
Silica Gel: No  
pH: 8.6  
Percent Moisture: 44.3%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 180 | < 180 U |
| 53469-21-9 | Aroclor 1242 | 180 | 480     |
| 12672-29-6 | Aroclor 1248 | 180 | < 180 U |
| 11097-69-1 | Aroclor 1254 | 180 | 1,000   |
| 11096-82-5 | Aroclor 1260 | 180 | 450     |
| 11104-28-2 | Aroclor 1221 | 180 | < 180 U |
| 11141-16-5 | Aroclor 1232 | 180 | < 180 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 95.8% |
| Tetrachlorometaxylene | 65.0% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC18-0-1  
SAMPLE

Lab Sample ID: JB98G  
LIMS ID: 06-3371  
Matrix: Sediment  
Data Release Authorized: *YWW*  
Reported: 03/15/06

QC Report No: JB98-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/17/06  
Date Received: 02/17/06

Date Extracted: 03/03/06  
Date Analyzed: 03/10/06 22:28  
Instrument/Analyst: ECD5/YZ  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Acid Cleanup: Yes  
Florisil Cleanup: No

Sample Amount: 18.2 g-dry-wt  
Final Extract Volume: 5.0 mL  
Dilution Factor: 1.00  
Silica Gel: No  
pH: 7.5  
Percent Moisture: 27.0%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 27 | < 27 U |
| 53469-21-9 | Aroclor 1242 | 27 | < 27 U |
| 12672-29-6 | Aroclor 1248 | 27 | 38     |
| 11097-69-1 | Aroclor 1254 | 27 | 80     |
| 11096-82-5 | Aroclor 1260 | 27 | 64     |
| 11104-28-2 | Aroclor 1221 | 27 | < 27 U |
| 11141-16-5 | Aroclor 1232 | 27 | < 27 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 73.5% |
| Tetrachlorometaxylene | 66.2% |



ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SC18-1-2  
SAMPLE

Lab Sample ID: JB98H  
LIMS ID: 06-3372  
Matrix: Sediment  
Data Release Authorized: *YWW*  
Reported: 03/15/06

QC Report No: JB98-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/17/06  
Date Received: 02/17/06

Date Extracted: 03/03/06  
Date Analyzed: 03/11/06 02:51  
Instrument/Analyst: ECD5/YZ  
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: 7.4  
Percent Moisture: 23.2%

| 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 | 5.0     |
| 11097-69-1 | Aroclor 1254 | 3.9 | 9.0     |
| 11096-82-5 | Aroclor 1260 | 3.9 | 5.6     |
| 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    | 69.8% |
| Tetrachlorometaxylene | 55.5% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC18-2-4  
SAMPLE

Lab Sample ID: JB981  
LIMS ID: 06-3373  
Matrix: Sediment  
Data Release Authorized: YW  
Reported: 03/15/06

QC Report No: JB98-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/17/06  
Date Received: 02/17/06

Date Extracted: 03/03/06  
Date Analyzed: 03/11/06 03:10  
Instrument/Analyst: ECD5/YZ  
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: 7.9  
Percent Moisture: 22.8%

| 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 | 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    | 72.0% |
| Tetrachlorometaxylene | 61.2% |

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SC19-0-1

SAMPLE

Lab Sample ID: JC95J

LIMS ID: 06-4149

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 03/27/06

QC Report No: JC95-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/24/06

Date Received: 02/24/06

Date Extracted: 03/07/06

Date Analyzed: 03/23/06 06:05

Instrument/Analyst: ECD5/AAR

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: 10.0

Silica Gel: No

pH: 7.5

Percent Moisture: 56.6%

| 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 | 65     |
| 11097-69-1 | Aroclor 1254 | 40 | 100    |
| 11096-82-5 | Aroclor 1260 | 40 | 110    |
| 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    | 160%  |
| Tetrachlorometaxylene | 81.0% |

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SC19-1-2

SAMPLE

Lab Sample ID: JC95K

LIMS ID: 06-4150

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 03/27/06

QC Report No: JC95-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/24/06

Date Received: 02/24/06

Date Extracted: 03/07/06

Date Analyzed: 03/23/06 06:24

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 10.0

Silica Gel: No

pH: 7.3

Percent Moisture: 48.5%

| 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 | 59     |
| 11097-69-1 | Aroclor 1254 | 40 | 79     |
| 11096-82-5 | Aroclor 1260 | 40 | 95     |
| 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    | 143% |
| Tetrachlorometaxylene | 108% |

Sample ID: LDW-SC19-2-4  
SAMPLE

Lab Sample ID: JC95L  
LIMS ID: 06-4151  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/27/06

QC Report No: JC95-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/24/06  
Date Received: 02/24/06

Date Extracted: 03/07/06  
Date Analyzed: 03/23/06 03:53  
Instrument/Analyst: ECD5/AAR  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Acid Cleanup: Yes  
Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 5.00  
Silica Gel: No  
pH: 8.1  
Percent Moisture: 46.1%

| 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 | 43     |
| 11097-69-1 | Aroclor 1254 | 20 | 92     |
| 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    | 134%  |
| Tetrachlorometaxylene | 56.0% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC19-4-6  
SAMPLE

Lab Sample ID: JH57AE  
LIMS ID: 06-7272  
Matrix: Sediment  
Data Release Authorized: *[Signature]*  
Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/24/06  
Date Received: 02/24/06

Date Extracted: 05/05/06  
Date Analyzed: 05/09/06 20:33  
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: 43.8%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 3.9 | < 3.9 U |
| 53469-21-9 | Aroclor 1242 | 3.9 | 46 E    |
| 12672-29-6 | Aroclor 1248 | 3.9 | < 3.9 U |
| 11097-69-1 | Aroclor 1254 | 3.9 | 190 E   |
| 11096-82-5 | Aroclor 1260 | 3.9 | 220 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    | 134%  |
| Tetrachlorometaxylene | 53.8% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC19-4-6  
DILUTION

Lab Sample ID: JH57AE  
LIMS ID: 06-7272  
Matrix: Sediment  
Data Release Authorized: *MB*  
Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/24/06  
Date Received: 02/24/06

Date Extracted: 05/05/06  
Date Analyzed: 05/10/06 20:53  
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: 10.0  
Silica Gel: No  
pH: 8.1  
Percent Moisture: 43.8%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 39 | < 39 U |
| 53469-21-9 | Aroclor 1242 | 39 | 54     |
| 12672-29-6 | Aroclor 1248 | 39 | < 39 U |
| 11097-69-1 | Aroclor 1254 | 39 | 200    |
| 11096-82-5 | Aroclor 1260 | 39 | 190    |
| 11104-28-2 | Aroclor 1221 | 39 | < 39 U |
| 11141-16-5 | Aroclor 1232 | 39 | < 39 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 133%  |
| Tetrachlorometaxylene | 60.2% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC19-6-7

SAMPLE

Lab Sample ID: JO76G

LIMS ID: 06-11855

Matrix: Sediment

Data Release Authorized: *VTS*

Reported: 07/21/06

QC Report No: JO76-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/24/06

Date Received: 02/24/06

Date Extracted: 07/14/06

Date Analyzed: 07/19/06 13:09

Instrument/Analyst: ECD2/AAR

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: 10.0

Silica Gel: No

pH: 9.0

Percent Moisture: 43.6%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 39 | < 39 U |
| 53469-21-9 | Aroclor 1242 | 39 | < 39 U |
| 12672-29-6 | Aroclor 1248 | 39 | 520 E  |
| 11097-69-1 | Aroclor 1254 | 39 | 880 E  |
| 11096-82-5 | Aroclor 1260 | 39 | 650 EP |
| 11104-28-2 | Aroclor 1221 | 39 | < 39 U |
| 11141-16-5 | Aroclor 1232 | 39 | < 39 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 112%  |
| Tetrachlorometaxylene | 92.5% |



**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC19-6-7

DILUTION

Lab Sample ID: JO76G

LIMS ID: 06-11855

Matrix: Sediment

Data Release Authorized: *VTS*

Reported: 07/21/06

QC Report No: JO76-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/24/06

Date Received: 02/24/06

Date Extracted: 07/14/06

Date Analyzed: 07/19/06 20:04

Instrument/Analyst: ECD2/AAR

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: 50.0

Silica Gel: No

pH: 9.0

Percent Moisture: 43.6%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 200 | < 200 U |
| 53469-21-9 | Aroclor 1242 | 200 | < 200 U |
| 12672-29-6 | Aroclor 1248 | 200 | 710     |
| 11097-69-1 | Aroclor 1254 | 200 | 1,100   |
| 11096-82-5 | Aroclor 1260 | 200 | 610     |
| 11104-28-2 | Aroclor 1221 | 200 | < 200 U |
| 11141-16-5 | Aroclor 1232 | 200 | < 200 U |

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

**PCB Surrogate Recovery**

|                       |      |
|-----------------------|------|
| Decachlorobiphenyl    | D    |
| Tetrachlorometaxylene | 114% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC19-9-11.9

SAMPLE

Lab Sample ID: JO76H

LIMS ID: 06-11856

Matrix: Sediment

Data Release Authorized: *VTS*

Reported: 07/21/06

QC Report No: JO76-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/24/06

Date Received: 02/24/06

Date Extracted: 07/14/06

Date Analyzed: 07/19/06 13:28

Instrument/Analyst: ECD2/AAR

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: 8.9

Percent Moisture: 20.5%

| 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 | < 3.9 U |
| 11096-82-5 | Aroclor 1260 | 3.9 | < 3.9 U |
| 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    | 72.0% |
| Tetrachlorometaxylene | 62.2% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC20-0-2

SAMPLE

Lab Sample ID: JB80G

LIMS ID: 06-3223

Matrix: Sediment

Data Release Authorized: *PR*

Reported: 03/09/06

QC Report No: JB80-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

04-08-06-24

Date Sampled: 02/15/06

Date Received: 02/15/06

Date Extracted: 02/28/06

Date Analyzed: 03/01/06 21:56

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 2.73 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.1

Percent Moisture: 45.6%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 180 | < 180 U |
| 53469-21-9 | Aroclor 1242 | 180 | < 180 U |
| 12672-29-6 | Aroclor 1248 | 180 | 1,200   |
| 11097-69-1 | Aroclor 1254 | 180 | 1,300   |
| 11096-82-5 | Aroclor 1260 | 180 | 730     |
| 11104-28-2 | Aroclor 1221 | 180 | < 180 U |
| 11141-16-5 | Aroclor 1232 | 180 | < 180 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 87.0% |
| Tetrachlorometaxylene | 74.8% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC20-2-4

SAMPLE

Lab Sample ID: JB80H

LIMS ID: 06-3224

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 03/09/06

QC Report No: JB80-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

04-08-06-24

Date Sampled: 02/15/06

Date Received: 02/15/06

Date Extracted: 02/28/06

Date Analyzed: 03/01/06 22:14

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 13.6 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.2

Percent Moisture: 46.8%

| 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 | 76     |
| 11097-69-1 | Aroclor 1254 | 37 | 250    |
| 11096-82-5 | Aroclor 1260 | 37 | 270    |
| 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    | 89.5% |
| Tetrachlorometaxylene | 68.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1


Sample ID: LDW-SC20-4-6

SAMPLE

Lab Sample ID: JH57M

LIMS ID: 06-7254

Matrix: Sediment

Data Release Authorized: 

Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/15/06

Date Received: 02/17/06

Date Extracted: 05/04/06

Date Analyzed: 05/08/06 18:56

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: 1.00

Silica Gel: No

pH: 7.3

Percent Moisture: 47.7%

| CAS Number        | Analyte             | RL         | Result       |
|-------------------|---------------------|------------|--------------|
| 12674-11-2        | Aroclor 1016        | 48         | < 48 Y       |
| 53469-21-9        | Aroclor 1242        | 60         | < 60 Y       |
| 12672-29-6        | Aroclor 1248        | 83         | < 83 Y       |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>4.0</b> | <b>180 E</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>4.0</b> | <b>210 E</b> |
| 11104-28-2        | Aroclor 1221        | 20         | < 20 Y       |
| 11141-16-5        | Aroclor 1232        | 60         | < 60 Y       |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | NR    |
| Tetrachlorometaxylene | 53.2% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC20-4-6

DILUTION

Lab Sample ID: JH57M

LIMS ID: 06-7254

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/15/06

Date Received: 02/17/06

Date Extracted: 05/04/06

Date Analyzed: 05/10/06 11:18

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: 10.0

Silica Gel: No

pH: 7.3

Percent Moisture: 47.7%

| CAS Number        | Analyte             | RL        | Result     |
|-------------------|---------------------|-----------|------------|
| 12674-11-2        | Aroclor 1016        | 40        | < 40 U     |
| <b>53469-21-9</b> | <b>Aroclor 1242</b> | <b>40</b> | <b>44</b>  |
| 12672-29-6        | Aroclor 1248        | 40        | < 40 U     |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>40</b> | <b>170</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>40</b> | <b>190</b> |
| 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    | NR    |
| Tetrachlorometaxylene | 57.5% |

Sample ID: LDW-SC20-8-10  
SAMPLE

Lab Sample ID: JQ01A  
LIMS ID: 06-12676  
Matrix: Sediment  
Data Release Authorized: *B*  
Reported: 07/26/06

QC Report No: JQ01-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/15/06  
Date Received: 07/19/06

Date Extracted: 07/21/06  
Date Analyzed: 07/25/06 19:58  
Instrument/Analyst: ECD2/AAR  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Acid Cleanup: Yes  
Florisil Cleanup: No

Sample Amount: 13.0 g-dry-wt  
Final Extract Volume: 0.50 mL  
Dilution Factor: 1.00  
Silica Gel: No  
pH: 8.0  
Percent Moisture: 39.3%

| 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        | < 3.8 U     |
| 11097-69-1        | Aroclor 1254        | 7.7        | < 7.7 Y     |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>3.8</b> | <b>52 E</b> |
| 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    | 78.0% |
| Tetrachlorometaxylene | 36.4% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC20-8-10  
DILUTION

Lab Sample ID: JQ01A  
LIMS ID: 06-12676  
Matrix: Sediment  
Data Release Authorized:  
Reported: 07/26/06 *AB*

QC Report No: JQ01-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/15/06  
Date Received: 07/19/06

Date Extracted: 07/21/06  
Date Analyzed: 07/25/06 18:39  
Instrument/Analyst: ECD2/AAR  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Acid Cleanup: Yes  
Florisil Cleanup: No

Sample Amount: 13.0 g-dry-wt  
Final Extract Volume: 0.50 mL  
Dilution Factor: 5.00  
Silica Gel: No  
pH: 8.0  
Percent Moisture: 39.3%

| 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        | < 19 U    |
| 11097-69-1 | Aroclor 1254        | 19        | < 19 U    |
| 11096-82-5 | <b>Aroclor 1260</b> | <b>19</b> | <b>95</b> |
| 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    | 123%  |
| Tetrachlorometaxylene | 71.5% |



**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC21-0-1  
**SAMPLE**

Lab Sample ID: JB64E  
 LIMS ID: 06-3075  
 Matrix: Sediment  
 Data Release Authorized:   
 Reported: 03/10/06

QC Report No: JB64-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/15/06  
 Date Received: 02/15/06

Date Extracted: 02/27/06  
 Date Analyzed: 03/08/06 05:13  
 Instrument/Analyst: ECD5/AAR  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Acid Cleanup: Yes  
 Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt  
 Final Extract Volume: 1.0 mL  
 Dilution Factor: 5.00  
 Silica Gel: No  
 pH: 7.5  
 Percent Moisture: 52.8%

| 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 | 50     |
| 11097-69-1 | Aroclor 1254 | 20 | 100    |
| 11096-82-5 | Aroclor 1260 | 20 | 99     |
| 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    | 84.8% |
| Tetrachlorometaxylene | 54.4% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC21-1-2  
SAMPLE

Lab Sample ID: JB64F  
LIMS ID: 06-3076  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/10/06

QC Report No: JB64-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/15/06  
Date Received: 02/15/06

Date Extracted: 02/27/06  
Date Analyzed: 03/07/06 22:57  
Instrument/Analyst: ECD5/AAR  
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: 2.00  
Silica Gel: No  
pH: 7.2  
Percent Moisture: 47.5%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 7.9 | < 7.9 U |
| 53469-21-9 | Aroclor 1242 | 7.9 | < 7.9 U |
| 12672-29-6 | Aroclor 1248 | 7.9 | 28      |
| 11097-69-1 | Aroclor 1254 | 7.9 | 63      |
| 11096-82-5 | Aroclor 1260 | 7.9 | 54      |
| 11104-28-2 | Aroclor 1221 | 7.9 | < 7.9 U |
| 11141-16-5 | Aroclor 1232 | 7.9 | < 7.9 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 77.5% |
| Tetrachlorometaxylene | 56.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC21-2-4

SAMPLE

Lab Sample ID: JB64G

LIMS ID: 06-3077

Matrix: Sediment

Data Release Authorized: *AB*

Reported: 03/10/06

QC Report No: JB64-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/15/06

Date Received: 02/15/06

Date Extracted: 02/27/06

Date Analyzed: 03/08/06 05:32

Instrument/Analyst: ECD5/AAR

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: 7.4

Percent Moisture: 43.2%

| 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 | 90     |
| 11097-69-1 | Aroclor 1254 | 19 | 170    |
| 11096-82-5 | Aroclor 1260 | 19 | 120 P  |
| 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    | 85.6% |
| Tetrachlorometaxylene | 52.2% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1


Sample ID: LDW-SC21-4-6.2

SAMPLE

Lab Sample ID: JH57W

LIMS ID: 06-7264

Matrix: Sediment

Data Release Authorized: 

Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/15/06

Date Received: 02/15/06

Date Extracted: 05/05/06

Date Analyzed: 05/10/06 00:26

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 4.29 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 8.0

Percent Moisture: 43.0%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 120 | < 120 U |
| 53469-21-9 | Aroclor 1242 | 120 | 320     |
| 12672-29-6 | Aroclor 1248 | 120 | < 120 U |
| 11097-69-1 | Aroclor 1254 | 120 | 820     |
| 11096-82-5 | Aroclor 1260 | 120 | 540     |
| 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    | 99.0% |
| Tetrachlorometaxylene | 68.2% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC21-10-11.3

SAMPLE

Lab Sample ID: JO76J

LIMS ID: 06-11858

Matrix: Sediment

Data Release Authorized: **VTS**

Reported: 07/21/06

QC Report No: JO76-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/15/06

Date Received: 02/15/06

Date Extracted: 07/14/06

Date Analyzed: 07/19/06 15:47

Instrument/Analyst: ECD2/AAR

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: 8.5

Percent Moisture: 28.0%

| 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 | 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    | 64.5% |
| Tetrachlorometaxylene | 61.2% |

Sample ID: LDW-SC22-0-1.1  
SAMPLE

Lab Sample ID: JB46A  
LIMS ID: 06-2916  
Matrix: Sediment  
Data Release Authorized: *AB*  
Reported: 03/10/06

QC Report No: JB46-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/14/06  
Date Received: 02/14/06

Date Extracted: 02/27/06  
Date Analyzed: 03/02/06 07:20  
Instrument/Analyst: ECD5/YZ  
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: 6.3  
Percent Moisture: 29.0%

| 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 | 5.1     |
| 11097-69-1 | Aroclor 1254 | 3.9 | 23      |
| 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    | 116%  |
| Tetrachlorometaxylene | 56.5% |

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SC22-1.1-2

SAMPLE

Lab Sample ID: JB46B

LIMS ID: 06-2917

Matrix: Sediment

Data Release Authorized:

Reported: 03/10/06

QC Report No: JB46-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/14/06

Date Received: 02/14/06

Date Extracted: 02/27/06

Date Analyzed: 03/02/06 07:39

Instrument/Analyst: ECD5/YZ

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: 7.3

Percent Moisture: 24.9%

| 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    |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>3.9</b> | <b>8.5</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>3.9</b> | <b>17</b>  |
| 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    | 96.2% |
| Tetrachlorometaxylene | 46.2% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC22-2-4

**SAMPLE**

Lab Sample ID: JB46C

LIMS ID: 06-2918

Matrix: Sediment

Data Release Authorized:

Reported: 09/12/06

QC Report No: JB46-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/14/06

Date Received: 02/14/06

Date Extracted: 02/27/06

Date Analyzed: 03/02/06 07:58

Instrument/Analyst: ECD5/YZ

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: 6.3

Percent Moisture: 24.8%

| 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      |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>7.8</b> | <b>7.8 P</b> |
| 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    | 82.5% |
| Tetrachlorometaxylene | 53.2% |



**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC23-0-2

SAMPLE

Lab Sample ID: JB91C

LIMS ID: 06-3311

Matrix: Sediment

Data Release Authorized: *AA*

Reported: 03/13/06

QC Report No: JB91-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/17/06

Date Received: 02/17/06

Date Extracted: 02/27/06

Date Analyzed: 03/08/06 01:46

Instrument/Analyst: ECD5/AAR

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: 46.1%

| 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 | 77     |
| 11096-82-5 | Aroclor 1260 | 20 | 64     |
| 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    | 64.6% |
| Tetrachlorometaxylene | 53.6% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC23-2-4

SAMPLE

Lab Sample ID: JB91D

LIMS ID: 06-3312

Matrix: Sediment

Data Release Authorized: *AB*

Reported: 03/13/06

QC Report No: JB91-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/17/06

Date Received: 02/17/06

Date Extracted: 02/27/06

Date Analyzed: 03/08/06 02:05

Instrument/Analyst: ECD5/AAR

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: 7.4

Percent Moisture: 52.2%

| 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 | 92     |
| 11096-82-5 | Aroclor 1260 | 20 | 67     |
| 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    | 77.5% |
| Tetrachlorometaxylene | 50.6% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC23-4-6

SAMPLE

Lab Sample ID: JH57V

LIMS ID: 06-7263

Matrix: Sediment

Data Release Authorized:

Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/17/06

Date Received: 02/17/06

Date Extracted: 05/04/06

Date Analyzed: 05/08/06 20:44

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: 7.7

Percent Moisture: 48.1%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 79  | < 79 Y  |
| 53469-21-9 | Aroclor 1242 | 79  | < 79 Y  |
| 12672-29-6 | Aroclor 1248 | 160 | < 160 Y |
| 11097-69-1 | Aroclor 1254 | 3.9 | 420 E   |
| 11096-82-5 | Aroclor 1260 | 3.9 | 360 E   |
| 11104-28-2 | Aroclor 1221 | 20  | < 20 Y  |
| 11141-16-5 | Aroclor 1232 | 120 | < 120 Y |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | NR    |
| Tetrachlorometaxylene | 52.8% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1


Sample ID: LDW-SC23-4-6

DILUTION

Lab Sample ID: JH57V

LIMS ID: 06-7263

Matrix: Sediment

Data Release Authorized: 

Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/17/06

Date Received: 02/17/06

Date Extracted: 05/04/06

Date Analyzed: 05/10/06 12:12

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: 20.0

Silica Gel: No

pH: 7.7

Percent Moisture: 48.1%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 79 | < 79 U |
| 53469-21-9 | Aroclor 1242 | 79 | 85     |
| 12672-29-6 | Aroclor 1248 | 79 | < 79 U |
| 11097-69-1 | Aroclor 1254 | 79 | 380    |
| 11096-82-5 | Aroclor 1260 | 79 | 410    |
| 11104-28-2 | Aroclor 1221 | 79 | < 79 U |
| 11141-16-5 | Aroclor 1232 | 79 | < 79 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | NR    |
| Tetrachlorometaxylene | 72.5% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC23-6-8

SAMPLE

Lab Sample ID: JO76K

LIMS ID: 06-11859

Matrix: Sediment

Data Release Authorized: **NTS**

Reported: 07/21/06

QC Report No: JO76-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/17/06

Date Received: 02/17/06

Date Extracted: 07/14/06

Date Analyzed: 07/19/06 16:07

Instrument/Analyst: ECD2/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 13.9 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 5.00

Silica Gel: No

pH: 8.8

Percent Moisture: 45.1%

| 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        | 90        | < 90 Y     |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>36</b> | <b>190</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>36</b> | <b>210</b> |
| 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    | 122%  |
| Tetrachlorometaxylene | 51.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC23-8-10.2

SAMPLE

Lab Sample ID: JO76L

LIMS ID: 06-11860

Matrix: Sediment

Data Release Authorized: **UTS**

Reported: 07/21/06

QC Report No: JO76-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/17/06

Date Received: 02/17/06

Date Extracted: 07/14/06

Date Analyzed: 07/19/06 16:27

Instrument/Analyst: ECD2/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 15.4 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 8.7

Percent Moisture: 38.7%

| CAS Number        | Analyte             | RL         | Result    |
|-------------------|---------------------|------------|-----------|
| 12674-11-2        | Aroclor 1016        | 6.5        | < 6.5 U   |
| 53469-21-9        | Aroclor 1242        | 6.5        | < 6.5 U   |
| 12672-29-6        | Aroclor 1248        | 6.5        | < 6.5 U   |
| 11097-69-1        | Aroclor 1254        | 20         | < 20 Y    |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>6.5</b> | <b>41</b> |
| 11104-28-2        | Aroclor 1221        | 6.5        | < 6.5 U   |
| 11141-16-5        | Aroclor 1232        | 6.5        | < 6.5 U   |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 94.8% |
| Tetrachlorometaxylene | 52.8% |

Sample ID: LDW-SC24-0-1  
SAMPLE

Lab Sample ID: JB98Q  
LIMS ID: 06-3381  
Matrix: Sediment  
Data Release Authorized: *WVW*  
Reported: 03/15/06

QC Report No: JB98-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/17/06  
Date Received: 02/17/06

Date Extracted: 03/03/06  
Date Analyzed: 03/13/06 20:13  
Instrument/Analyst: ECD5/YZ  
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: 7.7  
Percent Moisture: 45.8%

| 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 | 47     |
| 11097-69-1 | Aroclor 1254 | 20 | 120    |
| 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    | 112%  |
| Tetrachlorometaxylene | 69.8% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC24-1-2

SAMPLE

Lab Sample ID: JB98R

LIMS ID: 06-3382

Matrix: Sediment

Data Release Authorized: *MW*

Reported: 03/15/06

QC Report No: JB98-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/17/06

Date Received: 02/17/06

Date Extracted: 03/03/06

Date Analyzed: 03/09/06 11:26

Instrument/Analyst: ECD5/YZ

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.5

Percent Moisture: 29.6%

| 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 | 6.1     |
| 11097-69-1 | Aroclor 1254 | 4.0 | 19      |
| 11096-82-5 | Aroclor 1260 | 4.0 | 11      |
| 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    | 77.5% |
| Tetrachlorometaxylene | 57.0% |



**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC24-2-4  
SAMPLE

Lab Sample ID: JB98S  
LIMS ID: 06-3383  
Matrix: Sediment  
Data Release Authorized: *TM*  
Reported: 03/15/06

QC Report No: JB98-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/17/06  
Date Received: 02/17/06

Date Extracted: 03/03/06  
Date Analyzed: 03/11/06 04:44  
Instrument/Analyst: ECD5/YZ  
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: 7.8  
Percent Moisture: 27.3%

| 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 | < 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 | 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    | 77.0% |
| Tetrachlorometaxylene | 57.2% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC25-0-1  
 SAMPLE

Lab Sample ID: JB96Q  
 LIMS ID: 06-3358  
 Matrix: Sediment  
 Data Release Authorized: *AG*  
 Reported: 03/23/06

QC Report No: JB96-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/18/06  
 Date Received: 02/18/06

Date Extracted: 02/28/06  
 Date Analyzed: 03/13/06 16:46  
 Instrument/Analyst: ECD5/AAR  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Acid Cleanup: Yes  
 Florisil Cleanup: No

Sample Amount: 25.1 g-dry-wt  
 Final Extract Volume: 1.0 mL  
 Dilution Factor: 5.00  
 Silica Gel: No  
 pH: 7.3  
 Percent Moisture: 52.8%

| 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 | 55     |
| 11097-69-1 | Aroclor 1254 | 20 | 140    |
| 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    | 141%  |
| Tetrachlorometaxylene | 93.5% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC25-1-2

SAMPLE

Lab Sample ID: JB96R

LIMS ID: 06-3359

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 03/23/06

QC Report No: JB96-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/18/06

Date Received: 02/18/06

Date Extracted: 02/28/06

Date Analyzed: 03/13/06 17:05

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 5.00

Silica Gel: No

pH: 6.8

Percent Moisture: 48.4%

| 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 | 64     |
| 11097-69-1 | Aroclor 1254 | 20 | 170    |
| 11096-82-5 | Aroclor 1260 | 20 | 130    |
| 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    | 108%  |
| Tetrachlorometaxylene | 65.8% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC25-2-4

SAMPLE

Lab Sample ID: JB96S

LIMS ID: 06-3360

Matrix: Sediment

Data Release Authorized: *MS*

Reported: 03/23/06

QC Report No: JB96-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/18/06

Date Received: 02/18/06

Date Extracted: 02/28/06

Date Analyzed: 03/13/06 17:23

Instrument/Analyst: ECD5/AAR

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: 7.4

Percent Moisture: 46.2%

| 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 | 82     |
| 11097-69-1 | Aroclor 1254 | 20 | 200    |
| 11096-82-5 | Aroclor 1260 | 20 | 150    |
| 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    | 132%  |
| Tetrachlorometaxylene | 73.6% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC25-4-6  
**SAMPLE**

Lab Sample ID: JH57AA  
 LIMS ID: 06-7268  
 Matrix: Sediment  
 Data Release Authorized:  
 Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/18/06  
 Date Received: 02/18/06

Date Extracted: 05/05/06  
 Date Analyzed: 05/09/06 19:03  
 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: 1.00  
 Silica Gel: No  
 pH: 8.0  
 Percent Moisture: 47.7%

| CAS Number        | Analyte             | RL         | Result       |
|-------------------|---------------------|------------|--------------|
| 12674-11-2        | Aroclor 1016        | 3.9        | < 3.9 U      |
| <b>53469-21-9</b> | <b>Aroclor 1242</b> | <b>3.9</b> | <b>53 E</b>  |
| 12672-29-6        | Aroclor 1248        | 3.9        | < 3.9 U      |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>3.9</b> | <b>430 E</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>3.9</b> | <b>170 E</b> |
| 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    | 129%  |
| Tetrachlorometaxylene | 51.2% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC25-4-6  
DILUTION

Lab Sample ID: JH57AA  
LIMS ID: 06-7268  
Matrix: Sediment  
Data Release Authorized:   
Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/18/06  
Date Received: 02/18/06

Date Extracted: 05/05/06  
Date Analyzed: 05/10/06 20:17  
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: 20.0  
Silica Gel: No  
pH: 8.0  
Percent Moisture: 47.7%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 78 | < 78 U |
| 53469-21-9 | Aroclor 1242 | 78 | 78 J   |
| 12672-29-6 | Aroclor 1248 | 78 | < 78 U |
| 11097-69-1 | Aroclor 1254 | 78 | 470    |
| 11096-82-5 | Aroclor 1260 | 78 | 250    |
| 11104-28-2 | Aroclor 1221 | 78 | < 78 U |
| 11141-16-5 | Aroclor 1232 | 78 | < 78 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | NR    |
| Tetrachlorometaxylene | 72.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC25-8-9.1

SAMPLE

Lab Sample ID: JO76M

LIMS ID: 06-11861

Matrix: Sediment

Data Release Authorized: *VTS*

Reported: 07/21/06

QC Report No: JO76-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/18/06

Date Received: 02/18/06

Date Extracted: 07/14/06

Date Analyzed: 07/19/06 16:46

Instrument/Analyst: ECD2/AAR

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: 8.3

Percent Moisture: 24.3%


| 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 | < 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 | 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    | 71.8% |
| Tetrachlorometaxylene | 58.0% |

Sample ID: LDW-SC26-0-1  
SAMPLE

Lab Sample ID: JC21AL  
LIMS ID: 06-3610  
Matrix: Sediment  
Data Release Authorized:   
Reported: 03/27/06

QC Report No: JC21-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/22/06  
Date Received: 02/22/06

Date Extracted: 03/08/06  
Date Analyzed: 03/21/06 05:05  
Instrument/Analyst: ECD5/AAR  
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: 2.00  
Silica Gel: No  
pH: 7.1  
Percent Moisture: 52.4%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 7.9 | < 7.9 U |
| 53469-21-9 | Aroclor 1242 | 7.9 | < 7.9 U |
| 12672-29-6 | Aroclor 1248 | 7.9 | 60      |
| 11097-69-1 | Aroclor 1254 | 7.9 | 120 E   |
| 11096-82-5 | Aroclor 1260 | 7.9 | 100 E   |
| 11104-28-2 | Aroclor 1221 | 7.9 | < 7.9 U |
| 11141-16-5 | Aroclor 1232 | 7.9 | < 7.9 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 107%  |
| Tetrachlorometaxylene | 58.5% |



**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC26-0-1

DILUTION

Lab Sample ID: JC21AL

LIMS ID: 06-3610

Matrix: Sediment

Data Release Authorized:

Reported: 03/27/06

QC Report No: JC21-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/22/06

Date Received: 02/22/06

Date Extracted: 03/08/06

Date Analyzed: 03/22/06 23:30

Instrument/Analyst: ECD5/AAR

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: 4.00

Silica Gel: No

pH: 7.1

Percent Moisture: 52.4%


| 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 | 55     |
| 11097-69-1 | Aroclor 1254 | 16 | 110    |
| 11096-82-5 | Aroclor 1260 | 16 | 110    |
| 11104-28-2 | Aroclor 1221 | 16 | < 16 U |
| 11141-16-5 | Aroclor 1232 | 16 | < 16 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 134%  |
| Tetrachlorometaxylene | 56.3% |

Sample ID: LDW-SC26-1-2  
SAMPLE

Lab Sample ID: JC21AM  
LIMS ID: 06-3611  
Matrix: Sediment  
Data Release Authorized:   
Reported: 03/27/06

QC Report No: JC21-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/22/06  
Date Received: 02/22/06

Date Extracted: 03/08/06  
Date Analyzed: 03/21/06 05:24  
Instrument/Analyst: ECD5/AAR  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Acid Cleanup: Yes  
Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 2.00  
Silica Gel: No  
pH: 7.4  
Percent Moisture: 47.3%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 7.9 | < 7.9 U |
| 53469-21-9 | Aroclor 1242 | 7.9 | < 7.9 U |
| 12672-29-6 | Aroclor 1248 | 7.9 | 48      |
| 11097-69-1 | Aroclor 1254 | 7.9 | 89 E    |
| 11096-82-5 | Aroclor 1260 | 7.9 | 82 E    |
| 11104-28-2 | Aroclor 1221 | 7.9 | < 7.9 U |
| 11141-16-5 | Aroclor 1232 | 7.9 | < 7.9 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 109%  |
| Tetrachlorometaxylene | 49.8% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC26-1-2  
DILUTION

Lab Sample ID: JC21AM  
LIMS ID: 06-3611  
Matrix: Sediment  
Data Release Authorized: *[Signature]*  
Reported: 03/27/06

QC Report No: JC21-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/22/06  
Date Received: 02/22/06

Date Extracted: 03/08/06  
Date Analyzed: 03/22/06 23:49  
Instrument/Analyst: ECD5/AAR  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Acid Cleanup: Yes  
Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 4.00  
Silica Gel: No  
pH: 7.4  
Percent Moisture: 47.3%

| 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 | 41     |
| 11097-69-1 | Aroclor 1254 | 16 | 81     |
| 11096-82-5 | Aroclor 1260 | 16 | 97     |
| 11104-28-2 | Aroclor 1221 | 16 | < 16 U |
| 11141-16-5 | Aroclor 1232 | 16 | < 16 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 138%  |
| Tetrachlorometaxylene | 50.7% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC26-2-4

**SAMPLE**

Lab Sample ID: JC21AN

LIMS ID: 06-3612

Matrix: Sediment

Data Release Authorized: *AS*

Reported: 03/27/06

QC Report No: JC21-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/22/06

Date Received: 02/22/06

Date Extracted: 03/08/06

Date Analyzed: 03/21/06 06:20

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.1 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 2.00

Silica Gel: No

pH: 8.0

Percent Moisture: 46.6%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 8.0 | < 8.0 U |
| 53469-21-9 | Aroclor 1242 | 8.0 | < 8.0 U |
| 12672-29-6 | Aroclor 1248 | 8.0 | 60      |
| 11097-69-1 | Aroclor 1254 | 8.0 | 130 E   |
| 11096-82-5 | Aroclor 1260 | 8.0 | 120 EP  |
| 11104-28-2 | Aroclor 1221 | 8.0 | < 8.0 U |
| 11141-16-5 | Aroclor 1232 | 8.0 | < 8.0 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 110%  |
| Tetrachlorometaxylene | 84.5% |

Sample ID: LDW-SC26-2-4  
DILUTION

Lab Sample ID: JC21AN  
LIMS ID: 06-3612  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/27/06

QC Report No: JC21-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/22/06  
Date Received: 02/22/06

Date Extracted: 03/08/06  
Date Analyzed: 03/23/06 01:04  
Instrument/Analyst: ECD5/AAR  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Acid Cleanup: Yes  
Florisil Cleanup: No

Sample Amount: 25.1 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 4.00  
Silica Gel: No  
pH: 8.0  
Percent Moisture: 46.6%

| 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 | 74     |
| 11097-69-1 | Aroclor 1254 | 16 | 140    |
| 11096-82-5 | Aroclor 1260 | 16 | 110    |
| 11104-28-2 | Aroclor 1221 | 16 | < 16 U |
| 11141-16-5 | Aroclor 1232 | 16 | < 16 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 129%  |
| Tetrachlorometaxylene | 98.9% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC26-6-8  
SAMPLE

Lab Sample ID: JH57A  
LIMS ID: 06-7166  
Matrix: Sediment  
Data Release Authorized: *AB*  
Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/22/06  
Date Received: 02/22/06

Date Extracted: 05/05/06  
Date Analyzed: 05/09/06 22:20  
Instrument/Analyst: ECD5/PK  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Acid Cleanup: Yes  
Florisil Cleanup: No

Sample Amount: 2.92 g-dry-wt  
Final Extract Volume: 5.0 mL  
Dilution Factor: 1.00  
Silica Gel: No  
pH: 7.8  
Percent Moisture: 41.5%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 170 | < 170 U |
| 53469-21-9 | Aroclor 1242 | 170 | 370     |
| 12672-29-6 | Aroclor 1248 | 170 | < 170 U |
| 11097-69-1 | Aroclor 1254 | 170 | 1,300   |
| 11096-82-5 | Aroclor 1260 | 170 | 610     |
| 11104-28-2 | Aroclor 1221 | 170 | < 170 U |
| 11141-16-5 | Aroclor 1232 | 170 | < 170 U |


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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 104%  |
| Tetrachlorometaxylene | 74.5% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC26-11.1-12.1  
**SAMPLE**

Lab Sample ID: JH57B  
 LIMS ID: 06-7167  
 Matrix: Sediment  
 Data Release Authorized:  
 Reported: 05/12/06 

QC Report No: JH57-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/22/06  
 Date Received: 02/22/06

Date Extracted: 05/04/06  
 Date Analyzed: 05/08/06 14:08  
 Instrument/Analyst: ECD5/PK  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Acid Cleanup: Yes  
 Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt  
 Final Extract Volume: 1.0 mL  
 Dilution Factor: 1.00  
 Silica Gel: No  
 pH: 7.8  
 Percent Moisture: 28.2%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 4.0 | < 4.0 U |
| 53469-21-9 | Aroclor 1242 | 4.0 | 31      |
| 12672-29-6 | Aroclor 1248 | 4.0 | < 4.0 U |
| 11097-69-1 | Aroclor 1254 | 4.0 | 76 E    |
| 11096-82-5 | Aroclor 1260 | 4.0 | 42 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    | 112%  |
| Tetrachlorometaxylene | 74.5% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC26-11.1-12.1  
DILUTION

Lab Sample ID: JH57B  
LIMS ID: 06-7167  
Matrix: Sediment  
Data Release Authorized:  
Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/22/06  
Date Received: 02/22/06

Date Extracted: 05/04/06  
Date Analyzed: 05/09/06 11:51  
Instrument/Analyst: ECD5/PK  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Acid Cleanup: Yes  
Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 5.00  
Silica Gel: No  
pH: 7.8  
Percent Moisture: 28.2%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 20 | < 20 U |
| 53469-21-9 | Aroclor 1242 | 20 | 28     |
| 12672-29-6 | Aroclor 1248 | 20 | < 20 U |
| 11097-69-1 | Aroclor 1254 | 20 | 67     |
| 11096-82-5 | Aroclor 1260 | 20 | 42     |
| 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    | 129%  |
| Tetrachlorometaxylene | 73.5% |



**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC27-0-2

SAMPLE

Lab Sample ID: JB46Y

LIMS ID: 06-2940

Matrix: Sediment

Data Release Authorized:

Reported: 03/10/06 *AB*

QC Report No: JB46-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/14/06

Date Received: 02/14/06

Date Extracted: 02/27/06

Date Analyzed: 03/02/06 08:55

Instrument/Analyst: ECD5/YZ

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 8.0

Percent Moisture: 46.6%

| 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 | 960 E   |
| 11097-69-1 | Aroclor 1254 | 4.0 | 1,200 E |
| 11096-82-5 | Aroclor 1260 | 4.0 | 710 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    | NR    |
| Tetrachlorometaxylene | 42.2% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1


Sample ID: LDW-SC27-0-2

DILUTION

Lab Sample ID: JB46Y

LIMS ID: 06-2940

Matrix: Sediment

Data Release Authorized: 

Reported: 03/10/06

QC Report No: JB46-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/14/06

Date Received: 02/14/06

Date Extracted: 02/27/06

Date Analyzed: 03/08/06 01:28

Instrument/Analyst: ECD5/YZ

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 50.0

Silica Gel: No

pH: 8.0

Percent Moisture: 46.6%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 200 | < 200 U |
| 53469-21-9 | Aroclor 1242 | 200 | < 200 U |
| 12672-29-6 | Aroclor 1248 | 200 | 1,100   |
| 11097-69-1 | Aroclor 1254 | 200 | 1,500   |
| 11096-82-5 | Aroclor 1260 | 200 | 660     |
| 11104-28-2 | Aroclor 1221 | 200 | < 200 U |
| 11141-16-5 | Aroclor 1232 | 200 | < 200 U |

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

**PCB Surrogate Recovery**

|                       |   |
|-----------------------|---|
| Decachlorobiphenyl    | D |
| Tetrachlorometaxylene | D |

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SC27-0-0.5

SAMPLE

Lab Sample ID: JL32H

LIMS ID: 06-9382

Matrix: Sediment

Data Release Authorized: *AB*

Reported: 06/20/06

QC Report No: JL32-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/14/06

Date Received: 02/14/06

Date Extracted: 06/13/06

Date Analyzed: 06/17/06 13:48

Instrument/Analyst: ECD5/AAR

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: 10.0

Silica Gel: No

pH: 7.2

Percent Moisture: 43.7%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 39 | < 39 U |
| 53469-21-9 | Aroclor 1242 | 39 | < 39 U |
| 12672-29-6 | Aroclor 1248 | 99 | < 99 Y |
| 11097-69-1 | Aroclor 1254 | 39 | 150    |
| 11096-82-5 | Aroclor 1260 | 39 | 100    |
| 11104-28-2 | Aroclor 1221 | 39 | < 39 U |
| 11141-16-5 | Aroclor 1232 | 39 | < 39 U |

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

PCB Surrogate Recovery

|                       |      |
|-----------------------|------|
| Decachlorobiphenyl    | 147% |
| Tetrachlorometaxylene | 103% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC27-0.5-1

SAMPLE

Lab Sample ID: JL32I

LIMS ID: 06-9383

Matrix: Sediment

Data Release Authorized: *AB*

Reported: 06/20/06

QC Report No: JL32-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/14/06

Date Received: 02/14/06

Date Extracted: 06/13/06

Date Analyzed: 06/17/06 16:47

Instrument/Analyst: ECD5/AAR

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: 100

Silica Gel: No

pH: 7.2

Percent Moisture: 45.8%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 390 | < 390 U |
| 53469-21-9 | Aroclor 1242 | 390 | < 390 U |
| 12672-29-6 | Aroclor 1248 | 980 | < 980 Y |
| 11097-69-1 | Aroclor 1254 | 390 | 1,400   |
| 11096-82-5 | Aroclor 1260 | 390 | 550     |
| 11104-28-2 | Aroclor 1221 | 390 | < 390 U |
| 11141-16-5 | Aroclor 1232 | 390 | < 390 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | D     |
| Tetrachlorometaxylene | 94.5% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC27-1-1.5

SAMPLE

Lab Sample ID: JL32J

LIMS ID: 06-9384

Matrix: Sediment

Data Release Authorized:

Reported: 06/20/06

QC Report No: JL32-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/14/06

Date Received: 02/14/06

Date Extracted: 06/13/06

Date Analyzed: 06/17/06 17:05

Instrument/Analyst: ECD5/AAR

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: 100

Silica Gel: No

pH: 7.3

Percent Moisture: 46.6%

| CAS Number | Analyte      | RL    | Result    |
|------------|--------------|-------|-----------|
| 12674-11-2 | Aroclor 1016 | 390   | < 390 U   |
| 53469-21-9 | Aroclor 1242 | 390   | < 390 U   |
| 12672-29-6 | Aroclor 1248 | 1,200 | < 1,200 Y |
| 11097-69-1 | Aroclor 1254 | 390   | 2,100     |
| 11096-82-5 | Aroclor 1260 | 390   | 1,100     |
| 11104-28-2 | Aroclor 1221 | 390   | < 390 U   |
| 11141-16-5 | Aroclor 1232 | 390   | < 390 U   |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | D     |
| Tetrachlorometaxylene | 85.2% |

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SC27-1.5-2

SAMPLE

Lab Sample ID: JL32K

LIMS ID: 06-9385

Matrix: Sediment

Data Release Authorized:

Reported: 06/20/06

QC Report No: JL32-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/14/06

Date Received: 02/14/06

Date Extracted: 06/13/06

Date Analyzed: 06/17/06 16:11

Instrument/Analyst: ECD5/AAR

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: 50.0

Silica Gel: No

pH: 7.2

Percent Moisture: 48.7%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 200 | < 200 U |
| 53469-21-9 | Aroclor 1242 | 200 | < 200 U |
| 12672-29-6 | Aroclor 1248 | 590 | < 590 Y |
| 11097-69-1 | Aroclor 1254 | 200 | 960     |
| 11096-82-5 | Aroclor 1260 | 200 | 550     |
| 11104-28-2 | Aroclor 1221 | 200 | < 200 U |
| 11141-16-5 | Aroclor 1232 | 200 | < 200 U |

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

PCB Surrogate Recovery

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | D     |
| Tetrachlorometaxylene | 73.6% |

Sample ID: LDW-SC27-2-4.5  
SAMPLE

Lab Sample ID: JB46Z  
LIMS ID: 06-2941  
Matrix: Sediment  
Data Release Authorized: *AB*  
Reported: 03/10/06

QC Report No: JB46-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/14/06  
Date Received: 02/14/06

Date Extracted: 02/27/06  
Date Analyzed: 03/08/06 04:54  
Instrument/Analyst: ECD5/YZ  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Acid Cleanup: Yes  
Florisol Cleanup: No

Sample Amount: 25.3 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 5.00  
Silica Gel: No  
pH: 8.0  
Percent Moisture: 39.8%

| 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 | 28     |
| 11097-69-1 | Aroclor 1254 | 20 | 110    |
| 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    | 98.4% |
| Tetrachlorometaxylene | 42.1% |

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SC27-2-2.5

SAMPLE

Lab Sample ID: JL32L

LIMS ID: 06-9386

Matrix: Sediment

Data Release Authorized:

Reported: 06/20/06

QC Report No: JL32-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/14/06

Date Received: 02/14/06

Date Extracted: 06/13/06

Date Analyzed: 06/17/06 16:29

Instrument/Analyst: ECD5/AAR

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: 50.0

Silica Gel: No

pH: 7.3

Percent Moisture: 44.5%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 200 | < 200 U |
| 53469-21-9 | Aroclor 1242 | 200 | < 200 U |
| 12672-29-6 | Aroclor 1248 | 200 | < 200 U |
| 11097-69-1 | Aroclor 1254 | 200 | 490     |
| 11096-82-5 | Aroclor 1260 | 200 | 350     |
| 11104-28-2 | Aroclor 1221 | 200 | < 200 U |
| 11141-16-5 | Aroclor 1232 | 200 | < 200 U |

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

PCB Surrogate Recovery

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | D     |
| Tetrachlorometaxylene | 71.5% |



ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SC27-2.5-3

SAMPLE

Lab Sample ID: JL32M

LIMS ID: 06-9387

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 06/20/06

QC Report No: JL32-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/14/06

Date Received: 02/14/06

Date Extracted: 06/13/06

Date Analyzed: 06/17/06 15:53

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 20.0

Silica Gel: No

pH: 7.4

Percent Moisture: 44.1%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 79 | < 79 U |
| 53469-21-9 | Aroclor 1242 | 79 | < 79 U |
| 12672-29-6 | Aroclor 1248 | 79 | < 79 U |
| 11097-69-1 | Aroclor 1254 | 79 | 140    |
| 11096-82-5 | Aroclor 1260 | 79 | 150    |
| 11104-28-2 | Aroclor 1221 | 79 | < 79 U |
| 11141-16-5 | Aroclor 1232 | 79 | < 79 U |

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

PCB Surrogate Recovery

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 172%  |
| Tetrachlorometaxylene | 57.5% |

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SC27-3-3.5

SAMPLE

Lab Sample ID: JL32N

LIMS ID: 06-9388

Matrix: Sediment

Data Release Authorized: *MB*

Reported: 06/20/06

QC Report No: JL32-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/14/06

Date Received: 02/14/06

Date Extracted: 06/13/06

Date Analyzed: 06/17/06 12:00

Instrument/Analyst: ECD5/AAR

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: 2.00

Silica Gel: No

pH: 7.5

Percent Moisture: 38.0%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 7.7 | < 7.7 U |
| 53469-21-9 | Aroclor 1242 | 7.7 | < 7.7 U |
| 12672-29-6 | Aroclor 1248 | 7.7 | < 7.7 U |
| 11097-69-1 | Aroclor 1254 | 7.7 | 10      |
| 11096-82-5 | Aroclor 1260 | 7.7 | 50      |
| 11104-28-2 | Aroclor 1221 | 7.7 | < 7.7 U |
| 11141-16-5 | Aroclor 1232 | 7.7 | < 7.7 U |

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

PCB Surrogate Recovery

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 118%  |
| Tetrachlorometaxylene | 59.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC27-3.5-4

SAMPLE

Lab Sample ID: JL320

LIMS ID: 06-9389

Matrix: Sediment

Data Release Authorized: *AB*

Reported: 06/20/06

QC Report No: JL32-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/14/06

Date Received: 02/14/06

Date Extracted: 06/13/06

Date Analyzed: 06/17/06 09:36

Instrument/Analyst: ECD5/AAR

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 | 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 | 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    | 72.0% |
| Tetrachlorometaxylene | 65.8% |

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SC27-4-4.5

SAMPLE

Lab Sample ID: JL32P

LIMS ID: 06-9390

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 06/20/06

QC Report No: JL32-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/14/06

Date Received: 02/14/06

Date Extracted: 06/13/06

Date Analyzed: 06/17/06 09:54

Instrument/Analyst: ECD5/AAR

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: 7.6

Percent Moisture: 32.1%

| 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 | 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    | 66.0% |
| Tetrachlorometaxylene | 63.2% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC28-0-1  
**SAMPLE**

Lab Sample ID: JC48A  
 LIMS ID: 06-3863  
 Matrix: Sediment  
 Data Release Authorized: *[Signature]*  
 Reported: 03/24/06

QC Report No: JC48-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/25/06  
 Date Received: 02/27/06

Date Extracted: 03/14/06  
 Date Analyzed: 03/21/06 13:15  
 Instrument/Analyst: ECD5/AAR  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Acid Cleanup: Yes  
 Florisil Cleanup: No

Sample Amount: 12.7 g-dry-wt  
 Final Extract Volume: 5.0 mL  
 Dilution Factor: 1.00  
 Silica Gel: No  
 pH: 7.1  
 Percent Moisture: 49.3%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 39 | < 39 U |
| 53469-21-9 | Aroclor 1242 | 39 | < 39 U |
| 12672-29-6 | Aroclor 1248 | 39 | 99     |
| 11097-69-1 | Aroclor 1254 | 39 | 180    |
| 11096-82-5 | Aroclor 1260 | 39 | 160    |
| 11104-28-2 | Aroclor 1221 | 39 | < 39 U |
| 11141-16-5 | Aroclor 1232 | 39 | < 39 U |

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-SC28-1-2

SAMPLE

Lab Sample ID: JC48B

LIMS ID: 06-3864

Matrix: Sediment

Data Release Authorized: *AS*

Reported: 03/24/06

QC Report No: JC48-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/25/06

Date Received: 02/27/06

Date Extracted: 03/14/06

Date Analyzed: 03/21/06 14:11

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 6.51 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 6.4

Percent Moisture: 48.1%


| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 77 | < 77 U |
| 53469-21-9 | Aroclor 1242 | 77 | < 77 U |
| 12672-29-6 | Aroclor 1248 | 77 | 65 J   |
| 11097-69-1 | Aroclor 1254 | 77 | 110    |
| 11096-82-5 | Aroclor 1260 | 77 | 180    |
| 11104-28-2 | Aroclor 1221 | 77 | < 77 U |
| 11141-16-5 | Aroclor 1232 | 77 | < 77 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 110%  |
| Tetrachlorometaxylene | 71.5% |

Sample ID: LDW-SC28-2-4  
SAMPLE

Lab Sample ID: JC48C  
LIMS ID: 06-3865  
Matrix: Sediment  
Data Release Authorized:   
Reported: 03/24/06

QC Report No: JC48-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/25/06  
Date Received: 02/27/06

Date Extracted: 03/14/06  
Date Analyzed: 03/21/06 14:30  
Instrument/Analyst: ECD5/AAR  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Acid Cleanup: Yes  
Florisil Cleanup: No

Sample Amount: 12.5 g-dry-wt  
Final Extract Volume: 5.0 mL  
Dilution Factor: 1.00  
Silica Gel: No  
pH: 7.4  
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 | 55     |
| 11097-69-1 | Aroclor 1254 | 40 | 110    |
| 11096-82-5 | Aroclor 1260 | 40 | 120    |
| 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    | 104%  |
| Tetrachlorometaxylene | 69.8% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC28-5.5-7.5


SAMPLE

Lab Sample ID: JH57E

LIMS ID: 06-7246

Matrix: Sediment

Data Release Authorized:

Reported: 05/12/06 

QC Report No: JH57-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/25/06

Date Received: 02/27/06

Date Extracted: 05/05/06

Date Analyzed: 05/09/06 22:38

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 1.59 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 8.3

Percent Moisture: 37.2%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 310 | < 310 U |
| 53469-21-9 | Aroclor 1242 | 310 | < 310 U |
| 12672-29-6 | Aroclor 1248 | 310 | < 310 U |
| 11097-69-1 | Aroclor 1254 | 310 | 2,600   |
| 11096-82-5 | Aroclor 1260 | 310 | 610     |
| 11104-28-2 | Aroclor 1221 | 310 | < 310 U |
| 11141-16-5 | Aroclor 1232 | 310 | < 310 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 99.5% |
| Tetrachlorometaxylene | 69.8% |



**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC28-12-12.6  
**SAMPLE**

Lab Sample ID: JO76N  
 LIMS ID: 06-11862  
 Matrix: Sediment  
 Data Release Authorized: **VTS**  
 Reported: 07/21/06

QC Report No: JO76-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/25/06  
 Date Received: 02/27/06

Date Extracted: 07/14/06  
 Date Analyzed: 07/19/06 17:06  
 Instrument/Analyst: ECD2/AAR  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Acid Cleanup: Yes  
 Florisil Cleanup: No

Sample Amount: 8.14 g-dry-wt  
 Final Extract Volume: 1.0 mL  
 Dilution Factor: 2.00  
 Silica Gel: No  
 pH: 8.6  
 Percent Moisture: 35.1%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 25 | < 25 U |
| 53469-21-9 | Aroclor 1242 | 25 | < 25 U |
| 12672-29-6 | Aroclor 1248 | 25 | 190    |
| 11097-69-1 | Aroclor 1254 | 25 | 220    |
| 11096-82-5 | Aroclor 1260 | 25 | 130    |
| 11104-28-2 | Aroclor 1221 | 25 | < 25 U |
| 11141-16-5 | Aroclor 1232 | 25 | < 25 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 87.5% |
| Tetrachlorometaxylene | 65.5% |

Sample ID: LDW-SC29-0-1  
SAMPLE

Lab Sample ID: JC95G  
LIMS ID: 06-4146  
Matrix: Sediment  
Data Release Authorized: *AS*  
Reported: 03/27/06

QC Report No: JC95-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/21/06  
Date Received: 02/21/06

Date Extracted: 03/07/06  
Date Analyzed: 03/14/06 21:06  
Instrument/Analyst: ECD5/AAR  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Acid Cleanup: Yes  
Florisol Cleanup: No

Sample Amount: 25.6 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 1.00  
Silica Gel: No  
pH: 7.3  
Percent Moisture: 26.8%

| 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 | 8.6 P   |
| 11097-69-1 | Aroclor 1254 | 3.9 | 12      |
| 11096-82-5 | Aroclor 1260 | 3.9 | 12 P    |
| 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    | 86.5% |
| Tetrachlorometaxylene | 50.2% |

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SC29-1-2

SAMPLE

Lab Sample ID: JC95H

LIMS ID: 06-4147

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 03/27/06

QC Report No: JC95-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/21/06

Date Received: 02/21/06

Date Extracted: 03/07/06

Date Analyzed: 03/14/06 21:25

Instrument/Analyst: ECD5/AAR

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: 22.3%

| 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 | < 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 | 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    | 62.5% |
| Tetrachlorometaxylene | 45.5% |

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SC29-2-3.6

SAMPLE

Lab Sample ID: JC95I

LIMS ID: 06-4148

Matrix: Sediment

Data Release Authorized:

Reported: 03/27/06

QC Report No: JC95-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/21/06

Date Received: 02/21/06

Date Extracted: 03/07/06

Date Analyzed: 03/14/06 21:44

Instrument/Analyst: ECD5/AAR

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: 19.8%

| 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 | 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    | 63.0% |
| Tetrachlorometaxylene | 51.0% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC30-0-2.5  
SAMPLE

Lab Sample ID: JB47J  
LIMS ID: 06-2957  
Matrix: Sediment  
Data Release Authorized: *AB*  
Reported: 03/03/06

QC Report No: JB47-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/14/06  
Date Received: 02/14/06

Date Extracted: 02/25/06  
Date Analyzed: 03/01/06 02:09  
Instrument/Analyst: ECD5/AAR  
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: 7.0  
Percent Moisture: 22.2%

| 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        | < 3.9 U    |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>3.9</b> | <b>6.8</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>3.9</b> | <b>6.1</b> |
| 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    | 76.0% |
| Tetrachlorometaxylene | 63.2% |

Sample ID: LDW-SC30-2.5-4  
SAMPLE

Lab Sample ID: JB47K  
LIMS ID: 06-2958  
Matrix: Sediment  
Data Release Authorized: *AB*  
Reported: 03/03/06

QC Report No: JB47-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/14/06  
Date Received: 02/14/06

Date Extracted: 02/25/06  
Date Analyzed: 03/01/06 02:27  
Instrument/Analyst: ECD5/AAR  
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: 7.7  
Percent Moisture: 26.7%

| 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 | 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    | 70.8% |
| Tetrachlorometaxylene | 58.5% |

Sample ID: LDW-SC31-0-1  
SAMPLE

Lab Sample ID: JB98M  
LIMS ID: 06-3377  
Matrix: Sediment  
Data Release Authorized: YWV  
Reported: 03/15/06

QC Report No: JB98-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/17/06  
Date Received: 02/17/06

Date Extracted: 03/03/06  
Date Analyzed: 03/13/06 18:01  
Instrument/Analyst: ECD5/YZ  
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: 6.8  
Percent Moisture: 56.2%

| 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 | 69     |
| 11097-69-1 | Aroclor 1254 | 20 | 160    |
| 11096-82-5 | Aroclor 1260 | 20 | 140    |
| 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    | 116%  |
| Tetrachlorometaxylene | 67.2% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC31-1-2.8

SAMPLE

Lab Sample ID: JB98N  
LIMS ID: 06-3378  
Matrix: Sediment  
Data Release Authorized: *NW*  
Reported: 03/15/06

QC Report No: JB98-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/17/06  
Date Received: 02/17/06

Date Extracted: 03/03/06  
Date Analyzed: 03/10/06 22:47  
Instrument/Analyst: ECD5/YZ  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Acid Cleanup: Yes  
Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt  
Final Extract Volume: 5.0 mL  
Dilution Factor: 1.00  
Silica Gel: No  
pH: 7.3  
Percent Moisture: 49.4%

| CAS Number        | Analyte             | RL        | Result     |
|-------------------|---------------------|-----------|------------|
| 12674-11-2        | Aroclor 1016        | 20        | < 20 U     |
| 53469-21-9        | Aroclor 1242        | 20        | < 20 U     |
| <b>12672-29-6</b> | <b>Aroclor 1248</b> | <b>20</b> | <b>100</b> |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>20</b> | <b>140</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>20</b> | <b>88</b>  |
| 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    | 75.2% |
| Tetrachlorometaxylene | 63.8% |



ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SC31-2.8-4

SAMPLE

Lab Sample ID: JB980  
 LIMS ID: 06-3379  
 Matrix: Sediment  
 Data Release Authorized: WWW  
 Reported: 03/15/06

QC Report No: JB98-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/17/06  
 Date Received: 02/17/06

Date Extracted: 03/03/06  
 Date Analyzed: 03/11/06 03:29  
 Instrument/Analyst: ECD5/YZ  
 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: 7.0  
 Percent Moisture: 17.5%

| 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      |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>3.9</b> | <b>2.7 J</b> |
| 11096-82-5        | Aroclor 1260        | 3.9        | < 3.9 U      |
| 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    | 74.2% |
| Tetrachlorometaxylene | 59.2% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC32-0-1  
SAMPLE

Lab Sample ID: JB31A  
LIMS ID: 06-2825  
Matrix: Sediment  
Data Release Authorized: *[Signature]*  
Reported: 03/10/06

QC Report No: JB31-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/11/06  
Date Received: 02/13/06

Date Extracted: 02/22/06  
Date Analyzed: 03/07/06 22:01  
Instrument/Analyst: ECD5/AAR  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Acid Cleanup: Yes  
Florisil Cleanup: No

Sample Amount: 13.6 g-dry-wt  
Final Extract Volume: 5.0 mL  
Dilution Factor: 2.00  
Silica Gel: No  
pH: 7.1  
Percent Moisture: 45.9%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 74 | < 74 U |
| 53469-21-9 | Aroclor 1242 | 74 | < 74 U |
| 12672-29-6 | Aroclor 1248 | 74 | 430    |
| 11097-69-1 | Aroclor 1254 | 74 | 380    |
| 11096-82-5 | Aroclor 1260 | 74 | 200    |
| 11104-28-2 | Aroclor 1221 | 74 | < 74 U |
| 11141-16-5 | Aroclor 1232 | 74 | < 74 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 74.5% |
| Tetrachlorometaxylene | 70.5% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC32-1-2  
**SAMPLE**

Lab Sample ID: JB31B  
 LIMS ID: 06-2826  
 Matrix: Sediment  
 Data Release Authorized: *AS*  
 Reported: 03/10/06

QC Report No: JB31-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/11/06  
 Date Received: 02/13/06

Date Extracted: 02/25/06  
 Date Analyzed: 03/08/06 00:31  
 Instrument/Analyst: ECD5/AAR  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Acid Cleanup: Yes  
 Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt  
 Final Extract Volume: 1.0 mL  
 Dilution Factor: 40.0  
 Silica Gel: No  
 pH: 8.1  
 Percent Moisture: 63.3%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 160 | < 160 U |
| 53469-21-9 | Aroclor 1242 | 160 | < 160 U |
| 12672-29-6 | Aroclor 1248 | 160 | 540     |
| 11097-69-1 | Aroclor 1254 | 160 | 850     |
| 11096-82-5 | Aroclor 1260 | 160 | 330     |
| 11104-28-2 | Aroclor 1221 | 160 | < 160 U |
| 11141-16-5 | Aroclor 1232 | 160 | < 160 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | D     |
| Tetrachlorometaxylene | 66.2% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC32-2-4

SAMPLE

Lab Sample ID: JB31C

LIMS ID: 06-2827

Matrix: Sediment

Data Release Authorized: *AB*

Reported: 03/10/06

QC Report No: JB31-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/11/06

Date Received: 02/13/06

Date Extracted: 02/22/06

Date Analyzed: 03/01/06 19:44

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 3.44 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.8

Percent Moisture: 54.3%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 140 | < 140 U |
| 53469-21-9 | Aroclor 1242 | 140 | < 140 U |
| 12672-29-6 | Aroclor 1248 | 140 | 830     |
| 11097-69-1 | Aroclor 1254 | 140 | 950     |
| 11096-82-5 | Aroclor 1260 | 140 | 670     |
| 11104-28-2 | Aroclor 1221 | 140 | < 140 U |
| 11141-16-5 | Aroclor 1232 | 140 | < 140 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 82.2% |
| Tetrachlorometaxylene | 72.2% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC32-5.2-8

**SAMPLE**

Lab Sample ID: JH57X

LIMS ID: 06-7265

Matrix: Sediment

Data Release Authorized:

Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/11/06

Date Received: 02/13/06

Date Extracted: 05/04/06

Date Analyzed: 05/09/06 17:51

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 26.2 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 8.1

Percent Moisture: 24.9%

| 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 | < 3.8 U |
| 11097-69-1 | Aroclor 1254 | 3.8 | < 3.8 U |
| 11096-82-5 | Aroclor 1260 | 3.8 | < 3.8 U |
| 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    | 88.0% |
| Tetrachlorometaxylene | 67.2% |



Sample ID: LDW-SC201-0-1.5  
SAMPLE

Lab Sample ID: JB22S  
LIMS ID: 06-2659  
Matrix: Sediment  
Data Release Authorized: *mw*  
Reported: 03/08/06

QC Report No: JB22-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/11/06  
Date Received: 02/11/06

Date Extracted: 02/22/06  
Date Analyzed: 03/01/06 16:35  
Instrument/Analyst: ECD5/AAR  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Acid Cleanup: Yes  
Florisil Cleanup: No

Sample Amount: 7.21 g-dry-wt  
Final Extract Volume: 5.0 mL  
Dilution Factor: 1.00  
Silica Gel: No  
pH: 7.5  
Percent Moisture: 42.3%

| CAS Number        | Analyte             | RL        | Result     |
|-------------------|---------------------|-----------|------------|
| 12674-11-2        | Aroclor 1016        | 69        | < 69 U     |
| <b>53469-21-9</b> | <b>Aroclor 1242</b> | <b>69</b> | <b>330</b> |
| 12672-29-6        | Aroclor 1248        | 69        | < 69 U     |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>69</b> | <b>510</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>69</b> | <b>610</b> |
| 11104-28-2        | Aroclor 1221        | 69        | < 69 U     |
| 11141-16-5        | Aroclor 1232        | 69        | < 69 U     |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 87.5% |
| Tetrachlorometaxylene | 76.2% |



Sample ID: LDW-SC201-1.5-4  
SAMPLE

Lab Sample ID: JB22T  
LIMS ID: 06-2660  
Matrix: Sediment  
Data Release Authorized: *MW*  
Reported: 03/08/06

QC Report No: JB22-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/11/06  
Date Received: 02/11/06

Date Extracted: 02/22/06  
Date Analyzed: 03/01/06 16:54  
Instrument/Analyst: ECD5/AAR  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Acid Cleanup: Yes  
Florisil Cleanup: No

Sample Amount: 15.0 g-dry-wt  
Final Extract Volume: 5.0 mL  
Dilution Factor: 1.00  
Silica Gel: No  
pH: 8.2  
Percent Moisture: 40.4%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 33 | < 33 U |
| 53469-21-9 | Aroclor 1242 | 33 | 74 P   |
| 12672-29-6 | Aroclor 1248 | 33 | < 33 U |
| 11097-69-1 | Aroclor 1254 | 33 | 220    |
| 11096-82-5 | Aroclor 1260 | 33 | 240    |
| 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    | 85.0% |
| Tetrachlorometaxylene | 68.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC201-4-6

SAMPLE

Lab Sample ID: JH57I

LIMS ID: 06-7250

Matrix: Sediment

Data Release Authorized: *AB*

Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/11/06

Date Received: 02/11/06

Date Extracted: 05/04/06

Date Analyzed: 05/08/06 17:44

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: 8.1

Percent Moisture: 43.5%

| CAS Number | Analyte      | RL  | Result |
|------------|--------------|-----|--------|
| 12674-11-2 | Aroclor 1016 | 15  | < 15 Y |
| 53469-21-9 | Aroclor 1242 | 19  | < 19 Y |
| 12672-29-6 | Aroclor 1248 | 19  | < 19 Y |
| 11097-69-1 | Aroclor 1254 | 3.9 | 110 E  |
| 11096-82-5 | Aroclor 1260 | 3.9 | 240 E  |
| 11104-28-2 | Aroclor 1221 | 12  | < 12 Y |
| 11141-16-5 | Aroclor 1232 | 23  | < 23 Y |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 144%  |
| Tetrachlorometaxylene | 50.2% |



**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC201-4-6

DILUTION

Lab Sample ID: JH57I

LIMS ID: 06-7250

Matrix: Sediment

Data Release Authorized:

Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/11/06

Date Received: 02/11/06

Date Extracted: 05/04/06

Date Analyzed: 05/09/06 12:27

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: 10.0

Silica Gel: No

pH: 8.1

Percent Moisture: 43.5%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 39 | < 39 U |
| 53469-21-9 | Aroclor 1242 | 39 | < 39 U |
| 12672-29-6 | Aroclor 1248 | 39 | < 39 U |
| 11097-69-1 | Aroclor 1254 | 39 | 120    |
| 11096-82-5 | Aroclor 1260 | 39 | 220    |
| 11104-28-2 | Aroclor 1221 | 39 | < 39 U |
| 11141-16-5 | Aroclor 1232 | 39 | < 39 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | NR    |
| Tetrachlorometaxylene | 66.8% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC201-8-10

SAMPLE

Lab Sample ID: JO76P

LIMS ID: 06-11864

Matrix: Sediment

Data Release Authorized: *VTS*

Reported: 07/21/06

QC Report No: JO76-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/11/06

Date Received: 02/11/06

Date Extracted: 07/14/06

Date Analyzed: 07/19/06 17:46

Instrument/Analyst: ECD2/AAR

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: 8.5

Percent Moisture: 35.1%

| 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 | 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    | 144%  |
| Tetrachlorometaxylene | 56.2% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC33-0-2

SAMPLE

Lab Sample ID: JB22A

LIMS ID: 06-2641

Matrix: Sediment

Data Release Authorized: *MW*

Reported: 03/08/06

QC Report No: JB22-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/11/06

Date Received: 02/11/06

Date Extracted: 02/22/06

Date Analyzed: 03/08/06 02:24

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 7.07 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 5.00

Silica Gel: No

pH: 7.5

Percent Moisture: 43.5%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 350 | < 350 U |
| 53469-21-9 | Aroclor 1242 | 350 | 1,500   |
| 12672-29-6 | Aroclor 1248 | 350 | < 350 U |
| 11097-69-1 | Aroclor 1254 | 350 | 860     |
| 11096-82-5 | Aroclor 1260 | 350 | 760     |
| 11104-28-2 | Aroclor 1221 | 350 | < 350 U |
| 11141-16-5 | Aroclor 1232 | 350 | < 350 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 131%  |
| Tetrachlorometaxylene | 77.5% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1


Sample ID: LDW-SC33-0-0.5

SAMPLE

Lab Sample ID: JL31N

LIMS ID: 06-9367

Matrix: Sediment

Data Release Authorized: 

Reported: 06/23/06

QC Report No: JL31-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/11/06

Date Received: 02/11/06

Date Extracted: 06/13/06

Date Analyzed: 06/20/06 20:15

Instrument/Analyst: ECD5/AAR

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: 10.0

Silica Gel: No

pH: 7.4

Percent Moisture: 42.5%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 39 | < 39 U |
| 53469-21-9 | Aroclor 1242 | 39 | 180    |
| 12672-29-6 | Aroclor 1248 | 39 | < 39 U |
| 11097-69-1 | Aroclor 1254 | 39 | 140    |
| 11096-82-5 | Aroclor 1260 | 39 | 170    |
| 11104-28-2 | Aroclor 1221 | 39 | < 39 U |
| 11141-16-5 | Aroclor 1232 | 39 | < 39 U |

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

**PCB Surrogate Recovery**

|                       |      |
|-----------------------|------|
| Decachlorobiphenyl    | 173% |
| Tetrachlorometaxylene | 114% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC33-0.5-1

**SAMPLE**

Lab Sample ID: JL310

LIMS ID: 06-9368

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 06/23/06

QC Report No: JL31-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/11/06

Date Received: 02/11/06

Date Extracted: 06/13/06

Date Analyzed: 06/20/06 22:21

Instrument/Analyst: ECD5/AAR

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: 25.0

Silica Gel: No

pH: 7.4

Percent Moisture: 42.7%

| CAS Number        | Analyte             | RL        | Result     |
|-------------------|---------------------|-----------|------------|
| 12674-11-2        | Aroclor 1016        | 98        | < 98 U     |
| <b>53469-21-9</b> | <b>Aroclor 1242</b> | <b>98</b> | <b>390</b> |
| 12672-29-6        | Aroclor 1248        | 98        | < 98 U     |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>98</b> | <b>240</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>98</b> | <b>160</b> |
| 11104-28-2        | Aroclor 1221        | 98        | < 98 U     |
| 11141-16-5        | Aroclor 1232        | 98        | < 98 U     |

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

**PCB Surrogate Recovery**

|                       |      |
|-----------------------|------|
| Decachlorobiphenyl    | 169% |
| Tetrachlorometaxylene | 122% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1


Sample ID: LDW-SC33-1-1.5

SAMPLE

Lab Sample ID: JL31P

LIMS ID: 06-9369

Matrix: Sediment

Data Release Authorized: 

Reported: 06/23/06

QC Report No: JL31-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/11/06

Date Received: 02/11/06

Date Extracted: 06/13/06

Date Analyzed: 06/20/06 23:15

Instrument/Analyst: ECD5/AAR

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: 100

Silica Gel: No

pH: 7.2

Percent Moisture: 47.4%

| CAS Number        | Analyte             | RL         | Result       |
|-------------------|---------------------|------------|--------------|
| 12674-11-2        | Aroclor 1016        | 390        | < 390 U      |
| <b>53469-21-9</b> | <b>Aroclor 1242</b> | <b>390</b> | <b>2,400</b> |
| 12672-29-6        | Aroclor 1248        | 390        | < 390 U      |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>390</b> | <b>1,400</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>390</b> | <b>850</b>   |
| 11104-28-2        | Aroclor 1221        | 390        | < 390 U      |
| 11141-16-5        | Aroclor 1232        | 390        | < 390 U      |

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

**PCB Surrogate Recovery**

|                       |   |
|-----------------------|---|
| Decachlorobiphenyl    | D |
| Tetrachlorometaxylene | D |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1


Sample ID: LDW-SC33-1.5-2

**SAMPLE**

Lab Sample ID: JL31Q

LIMS ID: 06-9370

Matrix: Sediment

Data Release Authorized: 

Reported: 06/23/06

QC Report No: JL31-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/11/06

Date Received: 02/11/06

Date Extracted: 06/13/06

Date Analyzed: 06/20/06 16:04

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 1.11 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 2.00

Silica Gel: No

pH: 7.1

Percent Moisture: 45.7%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 180 | < 180 U |
| 53469-21-9 | Aroclor 1242 | 180 | < 180 U |
| 12672-29-6 | Aroclor 1248 | 180 | 740     |
| 11097-69-1 | Aroclor 1254 | 180 | 1,000   |
| 11096-82-5 | Aroclor 1260 | 180 | 790 P   |
| 11104-28-2 | Aroclor 1221 | 180 | < 180 U |
| 11141-16-5 | Aroclor 1232 | 180 | < 180 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 69.5% |
| Tetrachlorometaxylene | 56.5% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC33-2-4

SAMPLE

Lab Sample ID: JB22B

LIMS ID: 06-2642

Matrix: Sediment

Data Release Authorized: *MMW*

Reported: 03/08/06

QC Report No: JB22-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/11/06

Date Received: 02/11/06

Date Extracted: 02/22/06

Date Analyzed: 03/01/06 16:17

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 15.7 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.9

Percent Moisture: 38.3%

| CAS Number        | Analyte             | RL        | Result     |
|-------------------|---------------------|-----------|------------|
| 12674-11-2        | Aroclor 1016        | 32        | < 32 U     |
| 53469-21-9        | Aroclor 1242        | 32        | < 32 U     |
| 12672-29-6        | Aroclor 1248        | 64        | < 64 Y     |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>32</b> | <b>240</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>32</b> | <b>180</b> |
| 11104-28-2        | Aroclor 1221        | 32        | < 32 U     |
| 11141-16-5        | Aroclor 1232        | 48        | < 48 Y     |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 78.8% |
| Tetrachlorometaxylene | 63.5% |





ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC33-2-2.5

SAMPLE

Lab Sample ID: JL31R

LIMS ID: 06-9371

Matrix: Sediment

Data Release Authorized: *AS*

Reported: 06/23/06

QC Report No: JL31-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/11/06

Date Received: 02/11/06

Date Extracted: 06/13/06

Date Analyzed: 06/20/06 18:45

Instrument/Analyst: ECD5/AAR

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: 7.2

Percent Moisture: 40.8%

| 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 | 49 | < 49 Y |
| 11097-69-1 | Aroclor 1254 | 20 | 120    |
| 11096-82-5 | Aroclor 1260 | 20 | 94     |
| 11104-28-2 | Aroclor 1221 | 20 | < 20 U |
| 11141-16-5 | Aroclor 1232 | 20 | < 20 U |

Reported in µg/kg (ppb)

PCB Surrogate Recovery

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 98.0% |
| Tetrachlorometaxylene | 63.1% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC33-2.5-3  
SAMPLE

Lab Sample ID: JL31S  
LIMS ID: 06-9372  
Matrix: Sediment  
Data Release Authorized: *[Signature]*  
Reported: 06/23/06

QC Report No: JL31-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/11/06  
Date Received: 02/11/06

Date Extracted: 06/13/06  
Date Analyzed: 06/20/06 22:03  
Instrument/Analyst: ECD5/AAR  
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: 25.0  
Silica Gel: No  
pH: 7.1  
Percent Moisture: 43.5%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 98  | < 98 U  |
| 53469-21-9 | Aroclor 1242 | 98  | < 98 U  |
| 12672-29-6 | Aroclor 1248 | 150 | < 150 Y |
| 11097-69-1 | Aroclor 1254 | 98  | 530     |
| 11096-82-5 | Aroclor 1260 | 98  | 410     |
| 11104-28-2 | Aroclor 1221 | 98  | < 98 U  |
| 11141-16-5 | Aroclor 1232 | 98  | < 98 U  |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | D     |
| Tetrachlorometaxylene | 76.2% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC33-4-6  
SAMPLE

Lab Sample ID: JH57H  
LIMS ID: 06-7249  
Matrix: Sediment  
Data Release Authorized: *[Signature]*  
Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/11/06  
Date Received: 02/11/06

Date Extracted: 05/04/06  
Date Analyzed: 05/08/06 17:26  
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: 1.00  
Silica Gel: No  
pH: 7.8  
Percent Moisture: 39.0%

| CAS Number | Analyte      | RL  | Result |
|------------|--------------|-----|--------|
| 12674-11-2 | Aroclor 1016 | 20  | < 20 Y |
| 53469-21-9 | Aroclor 1242 | 24  | < 24 Y |
| 12672-29-6 | Aroclor 1248 | 24  | < 24 Y |
| 11097-69-1 | Aroclor 1254 | 4.0 | 140 E  |
| 11096-82-5 | Aroclor 1260 | 4.0 | 120 E  |
| 11104-28-2 | Aroclor 1221 | 12  | < 12 Y |
| 11141-16-5 | Aroclor 1232 | 32  | < 32 Y |


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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 142%  |
| Tetrachlorometaxylene | 63.8% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC33-4-6  
 DILUTION

Lab Sample ID: JH57H  
 LIMS ID: 06-7249  
 Matrix: Sediment  
 Data Release Authorized:   
 Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/11/06  
 Date Received: 02/11/06

Date Extracted: 05/04/06  
 Date Analyzed: 05/09/06 12:09  
 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: 10.0  
 Silica Gel: No  
 pH: 7.8  
 Percent Moisture: 39.0%

| 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 | < 40 U |
| 11097-69-1 | Aroclor 1254 | 40 | 150    |
| 11096-82-5 | Aroclor 1260 | 40 | 130    |
| 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    | NR    |
| Tetrachlorometaxylene | 68.2% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC33-8-10

**SAMPLE**

Lab Sample ID: JO760

LIMS ID: 06-11863

Matrix: Sediment

Data Release Authorized: *VTS*

Reported: 07/21/06

QC Report No: JO76-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/11/06

Date Received: 02/11/06

Date Extracted: 07/14/06

Date Analyzed: 07/19/06 17:26

Instrument/Analyst: ECD2/AAR

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: 8.5

Percent Moisture: 35.1%

| 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 | 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    | 114%  |
| Tetrachlorometaxylene | 31.8% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1


Sample ID: LDW-SC34-0-1

SAMPLE

Lab Sample ID: JB96A

LIMS ID: 06-3342

Matrix: Sediment

Data Release Authorized: 

Reported: 03/23/06

QC Report No: JB96-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/18/06

Date Received: 02/18/06

Date Extracted: 02/28/06

Date Analyzed: 03/13/06 15:11

Instrument/Analyst: ECD5/AAR

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: 6.8

Percent Moisture: 50.6%

| 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 | 99 | < 99 Y |
| 11097-69-1 | Aroclor 1254 | 20 | 110    |
| 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    | 155%  |
| Tetrachlorometaxylene | 81.9% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC34-1-2

SAMPLE

Lab Sample ID: JB96B

LIMS ID: 06-3343

Matrix: Sediment

Data Release Authorized: *AB*

Reported: 03/23/06

QC Report No: JB96-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/18/06

Date Received: 02/18/06

Date Extracted: 02/28/06

Date Analyzed: 03/13/06 15:30

Instrument/Analyst: ECD5/AAR

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: 5.00

Silica Gel: No

pH: 7.6

Percent Moisture: 50.4%

| 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 | 82     |
| 11097-69-1 | Aroclor 1254 | 20 | 120    |
| 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    | 111%  |
| Tetrachlorometaxylene | 59.9% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC34-2-4  
 SAMPLE

Lab Sample ID: JB96C  
 LIMS ID: 06-3344  
 Matrix: Sediment  
 Data Release Authorized: *AB*  
 Reported: 03/23/06

QC Report No: JB96-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/18/06  
 Date Received: 02/18/06

Date Extracted: 02/28/06  
 Date Analyzed: 03/13/06 15:49  
 Instrument/Analyst: ECD5/AAR  
 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: 39.3%

| 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 | 58     |
| 11097-69-1 | Aroclor 1254 | 19 | 110    |
| 11096-82-5 | Aroclor 1260 | 19 | 81     |
| 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    | 139%  |
| Tetrachlorometaxylene | 64.8% |



Sample ID: LDW-SC203-0-1  
SAMPLE

Lab Sample ID: JB96G  
LIMS ID: 06-3348  
Matrix: Sediment  
Data Release Authorized: *AB*  
Reported: 03/23/06

QC Report No: JB96-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/18/06  
Date Received: 02/18/06

Date Extracted: 02/28/06  
Date Analyzed: 03/13/06 16:08  
Instrument/Analyst: ECD5/AAR  
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: 6.9  
Percent Moisture: 53.4%

| 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 | 110    |
| 11096-82-5 | Aroclor 1260 | 20 | 84     |
| 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    | 101%  |
| Tetrachlorometaxylene | 55.5% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC203-1-2

SAMPLE

Lab Sample ID: JB96H

LIMS ID: 06-3349

Matrix: Sediment

Data Release Authorized: *RB*

Reported: 03/23/06

QC Report No: JB96-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/18/06

Date Received: 02/18/06

Date Extracted: 02/28/06

Date Analyzed: 03/20/06 15:53

Instrument/Analyst: ECD5/YZ

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: 10.0

Silica Gel: No

pH: 7.2

Percent Moisture: 53.0%

| CAS Number        | Analyte             | RL        | Result     |
|-------------------|---------------------|-----------|------------|
| 12674-11-2        | Aroclor 1016        | 39        | < 39 U     |
| 53469-21-9        | Aroclor 1242        | 39        | < 39 U     |
| 12672-29-6        | Aroclor 1248        | 330       | < 330 Y    |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>39</b> | <b>110</b> |
| 11096-82-5        | Aroclor 1260        | 140       | < 140 Y    |
| 11104-28-2        | Aroclor 1221        | 39        | < 39 U     |
| 11141-16-5        | Aroclor 1232        | 39        | < 39 U     |

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

**PCB Surrogate Recovery**

|                       |   |
|-----------------------|---|
| Decachlorobiphenyl    | D |
| Tetrachlorometaxylene | D |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC203-2-4


SAMPLE

Lab Sample ID: JB96I

LIMS ID: 06-3350

Matrix: Sediment

Data Release Authorized:

Reported: 03/23/06 

QC Report No: JB96-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/18/06

Date Received: 02/18/06

Date Extracted: 02/28/06

Date Analyzed: 03/13/06 16:27

Instrument/Analyst: ECD5/AAR

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: 45.9%

| 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 | 38     |
| 11097-69-1 | Aroclor 1254 | 20 | 81     |
| 11096-82-5 | Aroclor 1260 | 20 | 55     |
| 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    | 85.1% |
| Tetrachlorometaxylene | 49.1% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1


Sample ID: LDW-SC203-4-6

**SAMPLE**

Lab Sample ID: JH57Z

LIMS ID: 06-7267

Matrix: Sediment

Data Release Authorized: 

Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/18/06

Date Received: 02/18/06

Date Extracted: 05/04/06

Date Analyzed: 05/09/06 16:39

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: 7.7

Percent Moisture: 40.9%

| CAS Number        | Analyte             | RL        | Result    |
|-------------------|---------------------|-----------|-----------|
| 12674-11-2        | Aroclor 1016        | 12        | < 12 U    |
| <b>53469-21-9</b> | <b>Aroclor 1242</b> | <b>12</b> | <b>41</b> |
| 12672-29-6        | Aroclor 1248        | 12        | < 12 U    |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>12</b> | <b>80</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>12</b> | <b>60</b> |
| 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    | 142%  |
| Tetrachlorometaxylene | 65.2% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC35-0-2

SAMPLE

Lab Sample ID: JB64L

LIMS ID: 06-3082

Matrix: Sediment

Data Release Authorized: *AS*

Reported: 03/10/06

QC Report No: JB64-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/15/06

Date Received: 02/15/06

Date Extracted: 02/28/06

Date Analyzed: 03/02/06 00:26

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 2.68 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.2

Percent Moisture: 46.8%

| CAS Number        | Analyte             | RL         | Result       |
|-------------------|---------------------|------------|--------------|
| 12674-11-2        | Aroclor 1016        | 190        | < 190 U      |
| 53469-21-9        | Aroclor 1242        | 190        | < 190 U      |
| 12672-29-6        | Aroclor 1248        | 190        | < 190 U      |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>190</b> | <b>170 J</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>190</b> | <b>200 J</b> |
| 11104-28-2        | Aroclor 1221        | 190        | < 190 U      |
| 11141-16-5        | Aroclor 1232        | 190        | < 190 U      |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 83.5% |
| Tetrachlorometaxylene | 77.2% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC35-2-4

**SAMPLE**

Lab Sample ID: JB64M

LIMS ID: 06-3083

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 09/12/06

QC Report No: JB64-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/15/06

Date Received: 02/15/06

Date Extracted: 02/27/06

Date Analyzed: 03/08/06 06:28

Instrument/Analyst: ECD5/AAR

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: 7.3

Percent Moisture: 42.4%

| CAS Number        | Analyte             | RL         | Result       |
|-------------------|---------------------|------------|--------------|
| 12674-11-2        | Aroclor 1016        | 20         | < 20 U       |
| 53469-21-9        | Aroclor 1242        | 37         | < 37 Y       |
| 12672-29-6        | Aroclor 1248        | 88         | < 88 Y       |
| 11097-69-1        | Aroclor 1254        | 110        | < 110 Y      |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>120</b> | <b>150 P</b> |
| 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    | 97.6% |
| Tetrachlorometaxylene | 69.0% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC36-0-1  
**SAMPLE**

Lab Sample ID: JB82A  
 LIMS ID: 06-3250  
 Matrix: Sediment  
 Data Release Authorized: *OR*  
 Reported: 03/16/06

QC Report No: JB82-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/16/06  
 Date Received: 02/16/06

Date Extracted: 02/28/06  
 Date Analyzed: 03/08/06 08:03  
 Instrument/Analyst: ECD5/YZ  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Acid Cleanup: Yes  
 Florisil Cleanup: No

Sample Amount: 25.1 g-dry-wt  
 Final Extract Volume: 1.0 mL  
 Dilution Factor: 1.00  
 Silica Gel: No  
 pH: 7.3  
 Percent Moisture: 40.4%

| 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 | 18      |
| 11097-69-1 | Aroclor 1254 | 4.0 | 32      |
| 11096-82-5 | Aroclor 1260 | 4.0 | 25      |
| 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    | 74.5% |
| Tetrachlorometaxylene | 56.8% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC36-1-2  
SAMPLE

Lab Sample ID: JB82B  
LIMS ID: 06-3251  
Matrix: Sediment  
Data Release Authorized:   
Reported: 03/16/06

QC Report No: JB82-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/16/06  
Date Received: 02/16/06

Date Extracted: 02/28/06  
Date Analyzed: 03/08/06 08:22  
Instrument/Analyst: ECD5/YZ  
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: 1.00  
Silica Gel: No  
pH: 7.0  
Percent Moisture: 37.4%

| 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 | < 4.0 U |
| 11097-69-1 | Aroclor 1254 | 4.0 | < 4.0 U |
| 11096-82-5 | Aroclor 1260 | 4.0 | < 4.0 U |
| 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    | 61.5% |
| Tetrachlorometaxylene | 49.5% |



**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1


Sample ID: LDW-SC36-2-4

SAMPLE

Lab Sample ID: JB82C

LIMS ID: 06-3252

Matrix: Sediment

Data Release Authorized: 

Reported: 03/16/06

QC Report No: JB82-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/16/06

Date Received: 02/16/06

Date Extracted: 02/28/06

Date Analyzed: 03/08/06 08:41

Instrument/Analyst: ECD5/YZ

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 26.1 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.1

Percent Moisture: 34.3%

| 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 | < 3.8 U |
| 11097-69-1 | Aroclor 1254 | 3.8 | < 3.8 U |
| 11096-82-5 | Aroclor 1260 | 3.8 | < 3.8 U |
| 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    | 80.5% |
| Tetrachlorometaxylene | 50.2% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC202-0-1

SAMPLE

Lab Sample ID: JB82G

LIMS ID: 06-3256

Matrix: Sediment

Data Release Authorized: *AB*

Reported: 03/16/06

QC Report No: JB82-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/16/06

Date Received: 02/16/06

Date Extracted: 02/28/06

Date Analyzed: 03/08/06 09:37

Instrument/Analyst: ECD5/YZ

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: 44.1%

| 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        | 21         | < 21 Y    |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>3.9</b> | <b>30</b> |
| 11096-82-5        | Aroclor 1260        | 31         | < 31 Y    |
| 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    | 132% |
| Tetrachlorometaxylene | 108% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1


Sample ID: LDW-SC202-1-2

SAMPLE

Lab Sample ID: JB82H

LIMS ID: 06-3257

Matrix: Sediment

Data Release Authorized: 

Reported: 03/16/06

QC Report No: JB82-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/16/06

Date Received: 02/16/06

Date Extracted: 02/28/06

Date Analyzed: 03/08/06 09:56

Instrument/Analyst: ECD5/YZ

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: 7.0

Percent Moisture: 37.8%

| 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 | < 3.8 U |
| 11097-69-1 | Aroclor 1254 | 3.8 | < 3.8 U |
| 11096-82-5 | Aroclor 1260 | 3.8 | < 3.8 U |
| 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    | 58.5% |
| Tetrachlorometaxylene | 44.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC202-2-4

**SAMPLE**

Lab Sample ID: JB82I

LIMS ID: 06-3258

Matrix: Sediment

Data Release Authorized: *AB*

Reported: 03/16/06

QC Report No: JB82-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/16/06

Date Received: 02/16/06

Date Extracted: 02/28/06

Date Analyzed: 03/08/06 10:15

Instrument/Analyst: ECD5/YZ

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: 30.8%


| 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 | 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    | 59.0% |
| Tetrachlorometaxylene | 47.8% |

Sample ID: LDW-SC37-0-1  
SAMPLE

Lab Sample ID: JC21AG  
LIMS ID: 06-3605  
Matrix: Sediment  
Data Release Authorized:   
Reported: 03/27/06

QC Report No: JC21-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/22/06  
Date Received: 02/22/06

Date Extracted: 03/08/06  
Date Analyzed: 03/21/06 04:27  
Instrument/Analyst: ECD5/AAR  
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: 2.00  
Silica Gel: No  
pH: 7.6  
Percent Moisture: 48.2%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 7.9 | < 7.9 U |
| 53469-21-9 | Aroclor 1242 | 7.9 | < 7.9 U |
| 12672-29-6 | Aroclor 1248 | 7.9 | 73      |
| 11097-69-1 | Aroclor 1254 | 7.9 | 160 E   |
| 11096-82-5 | Aroclor 1260 | 7.9 | 140 E   |
| 11104-28-2 | Aroclor 1221 | 7.9 | < 7.9 U |
| 11141-16-5 | Aroclor 1232 | 7.9 | < 7.9 U |

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

PCB Surrogate Recovery

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 102%  |
| Tetrachlorometaxylene | 52.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC37-0-1  
DILUTION

Lab Sample ID: JC21AG

LIMS ID: 06-3605

Matrix: Sediment

Data Release Authorized:

Reported: 03/27/06

QC Report No: JC21-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/22/06

Date Received: 02/22/06

Date Extracted: 03/08/06

Date Analyzed: 03/23/06 01:23

Instrument/Analyst: ECD5/AAR

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: 10.0

Silica Gel: No

pH: 7.6

Percent Moisture: 48.2%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 39 | < 39 U |
| 53469-21-9 | Aroclor 1242 | 39 | < 39 U |
| 12672-29-6 | Aroclor 1248 | 39 | 83     |
| 11097-69-1 | Aroclor 1254 | 39 | 160    |
| 11096-82-5 | Aroclor 1260 | 39 | 220    |
| 11104-28-2 | Aroclor 1221 | 39 | < 39 U |
| 11141-16-5 | Aroclor 1232 | 39 | < 39 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 130%  |
| Tetrachlorometaxylene | 59.0% |

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SC37-1-2

SAMPLE

Lab Sample ID: JC21AH

LIMS ID: 06-3606

Matrix: Sediment

Data Release Authorized:

Reported: 03/27/06

QC Report No: JC21-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/22/06

Date Received: 02/22/06

Date Extracted: 03/09/06

Date Analyzed: 03/16/06 01:14

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 14.4 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.2

Percent Moisture: 42.3%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 35 | < 35 U |
| 53469-21-9 | Aroclor 1242 | 35 | < 35 U |
| 12672-29-6 | Aroclor 1248 | 35 | 230    |
| 11097-69-1 | Aroclor 1254 | 35 | 360 E  |
| 11096-82-5 | Aroclor 1260 | 35 | 340 P  |
| 11104-28-2 | Aroclor 1221 | 35 | < 35 U |
| 11141-16-5 | Aroclor 1232 | 35 | < 35 U |

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

PCB Surrogate Recovery

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 92.2% |
| Tetrachlorometaxylene | 60.8% |

Sample ID: LDW-SC37-1-2  
DILUTION

Lab Sample ID: JC21AH  
LIMS ID: 06-3606  
Matrix: Sediment  
Data Release Authorized: *[Signature]*  
Reported: 03/27/06

QC Report No: JC21-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/22/06  
Date Received: 02/22/06

Date Extracted: 03/09/06  
Date Analyzed: 03/22/06 21:18  
Instrument/Analyst: ECD5/AAR  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Acid Cleanup: Yes  
Florisil Cleanup: No

Sample Amount: 14.4 g-dry-wt  
Final Extract Volume: 5.0 mL  
Dilution Factor: 2.00  
Silica Gel: No  
pH: 7.2  
Percent Moisture: 42.3%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 69 | < 69 U |
| 53469-21-9 | Aroclor 1242 | 69 | < 69 U |
| 12672-29-6 | Aroclor 1248 | 69 | 230    |
| 11097-69-1 | Aroclor 1254 | 69 | 380    |
| 11096-82-5 | Aroclor 1260 | 69 | 270    |
| 11104-28-2 | Aroclor 1221 | 69 | < 69 U |
| 11141-16-5 | Aroclor 1232 | 69 | < 69 U |

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

PCB Surrogate Recovery

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 112%  |
| Tetrachlorometaxylene | 63.5% |



**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC37-2-4

SAMPLE

Lab Sample ID: JC21AI

LIMS ID: 06-3607

Matrix: Sediment

Data Release Authorized: *AB*

Reported: 03/27/06

QC Report No: JC21-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/22/06

Date Received: 02/22/06

Date Extracted: 03/08/06

Date Analyzed: 03/21/06 04:46

Instrument/Analyst: ECD5/AAR

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: 7.8

Percent Moisture: 33.2%

| 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 | 120    |
| 11097-69-1 | Aroclor 1254 | 20 | 290 E  |
| 11096-82-5 | Aroclor 1260 | 20 | 340 EP |
| 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    | 160%  |
| Tetrachlorometaxylene | 68.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC37-2-4  
DILUTION

Lab Sample ID: JC21AI

LIMS ID: 06-3607

Matrix: Sediment

Data Release Authorized:

Reported: 03/27/06

QC Report No: JC21-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/22/06

Date Received: 02/22/06

Date Extracted: 03/08/06

Date Analyzed: 03/23/06 01:42

Instrument/Analyst: ECD5/AAR

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: 8.00

Silica Gel: No

pH: 7.8

Percent Moisture: 33.2%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 32 | < 32 U |
| 53469-21-9 | Aroclor 1242 | 32 | < 32 U |
| 12672-29-6 | Aroclor 1248 | 32 | 110    |
| 11097-69-1 | Aroclor 1254 | 32 | 210    |
| 11096-82-5 | Aroclor 1260 | 32 | 220    |
| 11104-28-2 | Aroclor 1221 | 32 | < 32 U |
| 11141-16-5 | Aroclor 1232 | 32 | < 32 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 149%  |
| Tetrachlorometaxylene | 51.8% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1


Sample ID: LDW-SC37-5.3-6.9

SAMPLE

Lab Sample ID: JH57D

LIMS ID: 06-7245

Matrix: Sediment

Data Release Authorized: 

Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/22/06

Date Received: 02/22/06

Date Extracted: 05/04/06

Date Analyzed: 05/08/06 14:44

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: 7.6

Percent Moisture: 21.9%

| 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 | < 3.9 U |
| 11096-82-5 | Aroclor 1260 | 3.9 | < 3.9 U |
| 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    | 81.0% |
| Tetrachlorometaxylene | 74.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC38-0-1

SAMPLE

Lab Sample ID: JC10AT  
LIMS ID: 06-3498  
Matrix: Sediment  
Data Release Authorized: ~~WWW~~  
Reported: 03/15/06

QC Report No: JC10-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/21/06  
Date Received: 02/21/06

Date Extracted: 03/03/06  
Date Analyzed: 03/13/06 21:48  
Instrument/Analyst: ECD5/YZ  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Acid Cleanup: Yes  
Florisil Cleanup: No

Sample Amount: 45.4 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 20.0  
Silica Gel: No  
pH: 7.7  
Percent Moisture: 7.3%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 44 | < 44 U |
| 53469-21-9 | Aroclor 1242 | 44 | < 44 U |
| 12672-29-6 | Aroclor 1248 | 44 | 130    |
| 11097-69-1 | Aroclor 1254 | 44 | 200    |
| 11096-82-5 | Aroclor 1260 | 44 | 120    |
| 11104-28-2 | Aroclor 1221 | 44 | < 44 U |
| 11141-16-5 | Aroclor 1232 | 44 | < 44 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 126%  |
| Tetrachlorometaxylene | 69.5% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC38-1-2  
SAMPLE

Lab Sample ID: JC10AU  
LIMS ID: 06-3499  
Matrix: Sediment  
Data Release Authorized: *WWW*  
Reported: 03/15/06

QC Report No: JC10-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/21/06  
Date Received: 02/21/06

Date Extracted: 03/03/06  
Date Analyzed: 03/13/06 21:29  
Instrument/Analyst: ECD5/YZ  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Acid Cleanup: Yes  
Florisil Cleanup: No

Sample Amount: 25.1 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 10.0  
Silica Gel: No  
pH: 7.8  
Percent Moisture: 30.3%

| 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 | 230    |
| 11097-69-1 | Aroclor 1254 | 40 | 310    |
| 11096-82-5 | Aroclor 1260 | 40 | 170    |
| 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    | 110%  |
| Tetrachlorometaxylene | 69.8% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC38-2-3

**SAMPLE**

Lab Sample ID: JC10AV

LIMS ID: 06-3500

Matrix: Sediment

Data Release Authorized: *WWW*

Reported: 03/15/06

QC Report No: JC10-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/21/06

Date Received: 02/21/06

Date Extracted: 03/03/06

Date Analyzed: 03/13/06 20:32

Instrument/Analyst: ECD5/YZ

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 5.10 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 2.00

Silica Gel: No

pH: 7.8

Percent Moisture: 59.2%

| CAS Number        | Analyte             | RL         | Result       |
|-------------------|---------------------|------------|--------------|
| 12674-11-2        | Aroclor 1016        | 200        | < 200 U      |
| 53469-21-9        | Aroclor 1242        | 200        | < 200 U      |
| <b>12672-29-6</b> | <b>Aroclor 1248</b> | <b>200</b> | <b>1,300</b> |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>200</b> | <b>1,400</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>200</b> | <b>740</b>   |
| 11104-28-2        | Aroclor 1221        | 200        | < 200 U      |
| 11141-16-5        | Aroclor 1232        | 200        | < 200 U      |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 84.0% |
| Tetrachlorometaxylene | 73.5% |

Sample ID: LDW-SC38-3-3.3  
SAMPLE

Lab Sample ID: JC10AW  
LIMS ID: 06-3501  
Matrix: Sediment  
Data Release Authorized: ~~www~~  
Reported: 03/15/06

QC Report No: JC10-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/21/06  
Date Received: 02/21/06

Date Extracted: 03/03/06  
Date Analyzed: 03/11/06 05:03  
Instrument/Analyst: ECD5/YZ  
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: 29.5%

| 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        | 4.4        | < 4.4 Y   |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>3.9</b> | <b>14</b> |
| 11096-82-5        | Aroclor 1260        | 3.9        | < 3.9 U   |
| 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    | 83.2% |
| Tetrachlorometaxylene | 59.5% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1


Sample ID: LDW-SC39-0-1

**SAMPLE**

Lab Sample ID: JB82M

LIMS ID: 06-3262

Matrix: Sediment

Data Release Authorized: 

Reported: 03/16/06

QC Report No: JB82-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/16/06

Date Received: 02/16/06

Date Extracted: 02/28/06

Date Analyzed: 03/02/06 00:45

Instrument/Analyst: ECD5/YZ

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 18.8 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.3

Percent Moisture: 27.3%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 27 | < 27 U |
| 53469-21-9 | Aroclor 1242 | 27 | < 27 U |
| 12672-29-6 | Aroclor 1248 | 27 | 31     |
| 11097-69-1 | Aroclor 1254 | 27 | 86     |
| 11096-82-5 | Aroclor 1260 | 27 | 91     |
| 11104-28-2 | Aroclor 1221 | 27 | < 27 U |
| 11141-16-5 | Aroclor 1232 | 27 | < 27 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 81.2% |
| Tetrachlorometaxylene | 76.2% |



**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC39-1-2  
**SAMPLE**

Lab Sample ID: JB82N  
 LIMS ID: 06-3263  
 Matrix: Sediment  
 Data Release Authorized: *[Signature]*  
 Reported: 03/16/06

QC Report No: JB82-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/16/06  
 Date Received: 02/16/06

Date Extracted: 02/28/06  
 Date Analyzed: 03/07/06 20:45  
 Instrument/Analyst: ECD5/YZ  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Acid Cleanup: Yes  
 Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt  
 Final Extract Volume: 1.0 mL  
 Dilution Factor: 10.0  
 Silica Gel: No  
 pH: 7.0  
 Percent Moisture: 24.2%

| CAS Number        | Analyte             | RL        | Result     |
|-------------------|---------------------|-----------|------------|
| 12674-11-2        | Aroclor 1016        | 40        | < 40 U     |
| 53469-21-9        | Aroclor 1242        | 40        | < 40 U     |
| <b>12672-29-6</b> | <b>Aroclor 1248</b> | <b>40</b> | <b>74</b>  |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>40</b> | <b>190</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>40</b> | <b>180</b> |
| 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    | 77.5% |
| Tetrachlorometaxylene | 60.8% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC39-2-4

SAMPLE

Lab Sample ID: JB820

LIMS ID: 06-3264

Matrix: Sediment

Data Release Authorized: *CB*

Reported: 03/16/06

QC Report No: JB82-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/16/06

Date Received: 02/16/06

Date Extracted: 02/28/06

Date Analyzed: 03/13/06 14:34

Instrument/Analyst: ECD5/YZ

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 5.00

Silica Gel: No

pH: 7.5

Percent Moisture: 31.9%

| 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 | 42     |
| 11097-69-1 | Aroclor 1254 | 20 | 90     |
| 11096-82-5 | Aroclor 1260 | 20 | 88     |
| 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    | 135%  |
| Tetrachlorometaxylene | 60.6% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1


Sample ID: LDW-SC39-4-6

SAMPLE

Lab Sample ID: JH57N

LIMS ID: 06-7255

Matrix: Sediment

Data Release Authorized: 

Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/16/06

Date Received: 02/16/06

Date Extracted: 05/04/06

Date Analyzed: 05/08/06 19:14

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.8

Percent Moisture: 40.1%

| CAS Number        | Analyte             | RL         | Result       |
|-------------------|---------------------|------------|--------------|
| 12674-11-2        | Aroclor 1016        | 7.9        | < 7.9 Y      |
| 53469-21-9        | Aroclor 1242        | 7.9        | < 7.9 Y      |
| 12672-29-6        | Aroclor 1248        | 7.9        | < 7.9 Y      |
| 11097-69-1        | Aroclor 1254        | 40         | < 40 Y       |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>4.0</b> | <b>160 E</b> |
| 11104-28-2        | Aroclor 1221        | 7.9        | < 7.9 Y      |
| 11141-16-5        | Aroclor 1232        | 7.9        | < 7.9 Y      |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | NR    |
| Tetrachlorometaxylene | 43.8% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC39-4-6

DILUTION

Lab Sample ID: JH57N

LIMS ID: 06-7255

Matrix: Sediment

Data Release Authorized: *AS*

Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/16/06

Date Received: 02/16/06

Date Extracted: 05/04/06

Date Analyzed: 05/10/06 11:36

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 10.0

Silica Gel: No

pH: 7.8

Percent Moisture: 40.1%

| 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        | < 40 U     |
| 11097-69-1        | Aroclor 1254        | 59        | < 59 Y     |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>40</b> | <b>150</b> |
| 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    | NR    |
| Tetrachlorometaxylene | 50.5% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC40-0-1.3

SAMPLE

Lab Sample ID: JC42A

LIMS ID: 06-3816

Matrix: Sediment

Data Release Authorized: *AB*

Reported: 03/27/06

QC Report No: JC42-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/24/06

Date Received: 02/24/06

Date Extracted: 03/09/06

Date Analyzed: 03/16/06 02:10

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.0 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 6.7

Percent Moisture: 24.2%

| 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 | 61     |
| 11097-69-1 | Aroclor 1254 | 20 | 100 P  |
| 11096-82-5 | Aroclor 1260 | 40 | < 40 Y |
| 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    | 65.5% |
| Tetrachlorometaxylene | 66.5% |

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SC40-1.3-2

SAMPLE

Lab Sample ID: JC42B

LIMS ID: 06-3817

Matrix: Sediment

Data Release Authorized: *MS*

Reported: 03/27/06

QC Report No: JC42-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/24/06

Date Received: 02/24/06

Date Extracted: 03/10/06

Date Analyzed: 03/20/06 23:26

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.1 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 6.9

Percent Moisture: 19.3%

| 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 | < 4.0 U |
| 11097-69-1 | Aroclor 1254 | 4.0 | < 4.0 U |
| 11096-82-5 | Aroclor 1260 | 4.0 | < 4.0 U |
| 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    | 89.8% |
| Tetrachlorometaxylene | 63.8% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1


Sample ID: LDW-SC40-2-4

SAMPLE

Lab Sample ID: JC42C

LIMS ID: 06-3818

Matrix: Sediment

Data Release Authorized: 

Reported: 03/27/06

QC Report No: JC42-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/24/06

Date Received: 02/24/06

Date Extracted: 03/10/06

Date Analyzed: 03/20/06 23:45

Instrument/Analyst: ECD5/AAR

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: 7.1

Percent Moisture: 20.3%

| 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 | < 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 | 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 | 48.2% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC41-0-1

SAMPLE

Lab Sample ID: JC95A

LIMS ID: 06-4140

Matrix: Sediment

Data Release Authorized:

Reported: 03/27/06 *AS*

QC Report No: JC95-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/21/06

Date Received: 02/21/06

Date Extracted: 03/07/06

Date Analyzed: 03/14/06 03:45

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 5.78 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.2

Percent Moisture: 53.8%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 86 | < 86 U |
| 53469-21-9 | Aroclor 1242 | 86 | < 86 U |
| 12672-29-6 | Aroclor 1248 | 86 | 100 J  |
| 11097-69-1 | Aroclor 1254 | 86 | 150    |
| 11096-82-5 | Aroclor 1260 | 86 | 120    |
| 11104-28-2 | Aroclor 1221 | 86 | < 86 U |
| 11141-16-5 | Aroclor 1232 | 86 | < 86 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 70.2% |
| Tetrachlorometaxylene | 68.2% |



**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC41-1-2

SAMPLE

Lab Sample ID: JC95B

LIMS ID: 06-4141

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 03/27/06

QC Report No: JC95-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/21/06

Date Received: 02/21/06

Date Extracted: 03/07/06

Date Analyzed: 03/23/06 03:16

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 5.00

Silica Gel: No

pH: 7.4

Percent Moisture: 49.4%

| 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 | 65     |
| 11097-69-1 | Aroclor 1254 | 20 | 97     |
| 11096-82-5 | Aroclor 1260 | 20 | 94     |
| 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    | 140%  |
| Tetrachlorometaxylene | 92.0% |

Sample ID: LDW-SC41-2-4  
SAMPLE

Lab Sample ID: JC95C  
LIMS ID: 06-4142  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/27/06

QC Report No: JC95-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/21/06  
Date Received: 02/21/06

Date Extracted: 03/07/06  
Date Analyzed: 03/23/06 03:35  
Instrument/Analyst: ECD5/AAR  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Acid Cleanup: Yes  
Florisol Cleanup: No

Sample Amount: 25.4 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 5.00  
Silica Gel: No  
pH: 7.2  
Percent Moisture: 49.2%

| 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 | 58     |
| 11097-69-1 | Aroclor 1254 | 20 | 99     |
| 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    | 111%  |
| Tetrachlorometaxylene | 61.1% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC41-4-6  
**SAMPLE**

Lab Sample ID: JH57J  
 LIMS ID: 06-7251  
 Matrix: Sediment  
 Data Release Authorized:  
 Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/21/06  
 Date Received: 02/21/06

Date Extracted: 05/04/06  
 Date Analyzed: 05/08/06 18:02  
 Instrument/Analyst: ECD5/PK  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Acid Cleanup: Yes  
 Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt  
 Final Extract Volume: 1.0 mL  
 Dilution Factor: 1.00  
 Silica Gel: No  
 pH: 7.4  
 Percent Moisture: 51.7%

| CAS Number        | Analyte             | RL         | Result        |
|-------------------|---------------------|------------|---------------|
| 12674-11-2        | Aroclor 1016        | 40         | < 40 Y        |
| 53469-21-9        | Aroclor 1242        | 79         | < 79 Y        |
| 12672-29-6        | Aroclor 1248        | 79         | < 79 Y        |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>4.0</b> | <b>180 EP</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>4.0</b> | <b>210 EP</b> |
| 11104-28-2        | Aroclor 1221        | 16         | < 16 Y        |
| 11141-16-5        | Aroclor 1232        | 40         | < 40 Y        |


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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 100%  |
| Tetrachlorometaxylene | 55.8% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC41-4-6  
 DILUTION

Lab Sample ID: JH57J  
 LIMS ID: 06-7251  
 Matrix: Sediment  
 Data Release Authorized:   
 Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/21/06  
 Date Received: 02/21/06

Date Extracted: 05/04/06  
 Date Analyzed: 05/09/06 12:45  
 Instrument/Analyst: ECD5/PK  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Acid Cleanup: Yes  
 Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt  
 Final Extract Volume: 1.0 mL  
 Dilution Factor: 10.0  
 Silica Gel: No  
 pH: 7.4  
 Percent Moisture: 51.7%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 40 | < 40 U |
| 53469-21-9 | Aroclor 1242 | 40 | 98     |
| 12672-29-6 | Aroclor 1248 | 40 | < 40 U |
| 11097-69-1 | Aroclor 1254 | 40 | 190    |
| 11096-82-5 | Aroclor 1260 | 40 | 220    |
| 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    | 130% |
| Tetrachlorometaxylene | 128% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC41-6-7.9

**SAMPLE**

Lab Sample ID: JO76Q

LIMS ID: 06-11865

Matrix: Sediment

Data Release Authorized: *VBS*

Reported: 07/21/06

QC Report No: JO76-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/21/06

Date Received: 02/21/06

Date Extracted: 07/14/06

Date Analyzed: 07/19/06 18:06

Instrument/Analyst: ECD2/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.0 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 2.00

Silica Gel: No

pH: 8.2

Percent Moisture: 39.0%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 8.0 | < 8.0 U |
| 53469-21-9 | Aroclor 1242 | 8.0 | < 8.0 U |
| 12672-29-6 | Aroclor 1248 | 8.0 | 39      |
| 11097-69-1 | Aroclor 1254 | 8.0 | 73      |
| 11096-82-5 | Aroclor 1260 | 8.0 | 78      |
| 11104-28-2 | Aroclor 1221 | 8.0 | < 8.0 U |
| 11141-16-5 | Aroclor 1232 | 8.0 | < 8.0 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 89.0% |
| Tetrachlorometaxylene | 63.0% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC42-0-1  
**SAMPLE**

Lab Sample ID: JA90F  
 LIMS ID: 06-2360  
 Matrix: Sediment  
 Data Release Authorized:  
 Reported: 02/28/06

QC Report No: JA90-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/08/06  
 Date Received: 02/08/06

Date Extracted: 02/16/06  
 Date Analyzed: 02/22/06 09:19  
 Instrument/Analyst: ECD5/PK  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Acid Cleanup: Yes  
 Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt  
 Final Extract Volume: 1.0 mL  
 Dilution Factor: 2.00  
 Silica Gel: No  
 pH: 6.8  
 Percent Moisture: 50.0%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 7.9 | < 7.9 U |
| 53469-21-9 | Aroclor 1242 | 7.9 | 12      |
| 12672-29-6 | Aroclor 1248 | 7.9 | < 7.9 U |
| 11097-69-1 | Aroclor 1254 | 7.9 | 41      |
| 11096-82-5 | Aroclor 1260 | 7.9 | 54      |
| 11104-28-2 | Aroclor 1221 | 7.9 | < 7.9 U |
| 11141-16-5 | Aroclor 1232 | 7.9 | < 7.9 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 67.5% |
| Tetrachlorometaxylene | 72.0% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC42-1-2  
SAMPLE

Lab Sample ID: JA90G  
LIMS ID: 06-2361  
Matrix: Sediment  
Data Release Authorized:  
Reported: 02/28/06

QC Report No: JA90-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/08/06  
Date Received: 02/08/06

Date Extracted: 02/16/06  
Date Analyzed: 02/22/06 09:38  
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: 7.4  
Percent Moisture: 47.8%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 20 | < 20 U |
| 53469-21-9 | Aroclor 1242 | 20 | 21 J   |
| 12672-29-6 | Aroclor 1248 | 20 | < 20 U |
| 11097-69-1 | Aroclor 1254 | 20 | 70     |
| 11096-82-5 | Aroclor 1260 | 20 | 72 P   |
| 11104-28-2 | Aroclor 1221 | 20 | < 20 U |
| 11141-16-5 | Aroclor 1232 | 20 | < 20 U |

Reported in µg/kg (ppb)

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 76.6% |
| Tetrachlorometaxylene | 53.9% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC42-2-4

SAMPLE

Lab Sample ID: JA90H

LIMS ID: 06-2362

Matrix: Sediment

Data Release Authorized: *AB*

Reported: 02/28/06

QC Report No: JA90-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/08/06

Date Received: 02/08/06

Date Extracted: 02/16/06

Date Analyzed: 02/22/06 09:56

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.1 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.1

Percent Moisture: 47.9%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 4.0 | < 4.0 U |
| 53469-21-9 | Aroclor 1242 | 4.0 | 13      |
| 12672-29-6 | Aroclor 1248 | 4.0 | < 4.0 U |
| 11097-69-1 | Aroclor 1254 | 4.0 | 41 E    |
| 11096-82-5 | Aroclor 1260 | 4.0 | 47 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    | 116%  |
| Tetrachlorometaxylene | 46.2% |



**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC42-2-4

DILUTION

Lab Sample ID: JA90H

LIMS ID: 06-2362

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 02/28/06

QC Report No: JA90-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/08/06

Date Received: 02/08/06

Date Extracted: 02/16/06

Date Analyzed: 02/24/06 18:10

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.1 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 2.00

Silica Gel: No

pH: 7.1

Percent Moisture: 47.9%

| CAS Number        | Analyte             | RL         | Result    |
|-------------------|---------------------|------------|-----------|
| 12674-11-2        | Aroclor 1016        | 8.0        | < 8.0 U   |
| <b>53469-21-9</b> | <b>Aroclor 1242</b> | <b>8.0</b> | <b>11</b> |
| 12672-29-6        | Aroclor 1248        | 8.0        | < 8.0 U   |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>8.0</b> | <b>44</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>8.0</b> | <b>31</b> |
| 11104-28-2        | Aroclor 1221        | 8.0        | < 8.0 U   |
| 11141-16-5        | Aroclor 1232        | 8.0        | < 8.0 U   |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 112%  |
| Tetrachlorometaxylene | 55.5% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC43-0-2

SAMPLE

Lab Sample ID: JC32A

LIMS ID: 06-3681

Matrix: Sediment

Data Release Authorized: *AS*

Reported: 03/17/06

QC Report No: JC32-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/23/06

Date Received: 02/23/06

Date Extracted: 03/07/06

Date Analyzed: 03/14/06 06:16

Instrument/Analyst: ECD5/YZ

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: 1.00

Silica Gel: No

pH: 7.2

Percent Moisture: 29.9%

| 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 | < 4.0 U |
| 11097-69-1 | Aroclor 1254 | 4.0 | < 4.0 U |
| 11096-82-5 | Aroclor 1260 | 4.0 | < 4.0 U |
| 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    | 62.8% |
| Tetrachlorometaxylene | 53.5% |

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SC43-2-4

SAMPLE

Lab Sample ID: JC32B

LIMS ID: 06-3682

Matrix: Sediment

Data Release Authorized:

Reported: 03/17/06

QC Report No: JC32-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/23/06

Date Received: 02/23/06

Date Extracted: 03/07/06

Date Analyzed: 03/14/06 06:34

Instrument/Analyst: ECD5/YZ

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: 7.6

Percent Moisture: 24.3%

| 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 | < 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 | 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    | 61.2% |
| Tetrachlorometaxylene | 55.5% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC44-0-2

SAMPLE

Lab Sample ID: JC95D

LIMS ID: 06-4143

Matrix: Sediment

Data Release Authorized: *AS*

Reported: 03/27/06

QC Report No: JC95-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/21/06

Date Received: 02/21/06

Date Extracted: 03/07/06

Date Analyzed: 03/23/06 05:28

Instrument/Analyst: ECD5/AAR

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: 10.0

Silica Gel: No

pH: 7.9

Percent Moisture: 40.1%

| 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        | < 40 U     |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>40</b> | <b>240</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>40</b> | <b>270</b> |
| 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    | 174%  |
| Tetrachlorometaxylene | 69.8% |

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SC44-0-.5

SAMPLE

Lab Sample ID: JL34A

LIMS ID: 06-9409

Matrix: Sediment

Data Release Authorized:

Reported: 06/22/06

QC Report No: JL34-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/21/06

Date Received: 02/21/06

Date Extracted: 06/15/06

Date Analyzed: 06/20/06 11:52

Instrument/Analyst: ECD5/AAR

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: 5.9

Percent Moisture: 41.8%

| 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        | 39        | < 39 Y     |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>20</b> | <b>180</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>20</b> | <b>79</b>  |
| 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    | 86.1% |
| Tetrachlorometaxylene | 60.4% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC44-.5-1

**SAMPLE**

Lab Sample ID: JL34B

LIMS ID: 06-9410

Matrix: Sediment

Data Release Authorized:

Reported: 06/22/06

QC Report No: JL34-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/21/06

Date Received: 02/21/06

Date Extracted: 06/15/06

Date Analyzed: 06/20/06 08:17

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 0.60 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 6.2

Percent Moisture: 39.6%

| CAS Number        | Analyte             | RL         | Result       |
|-------------------|---------------------|------------|--------------|
| 12674-11-2        | Aroclor 1016        | 170        | < 170 U      |
| 53469-21-9        | Aroclor 1242        | 170        | < 170 U      |
| 12672-29-6        | Aroclor 1248        | 170        | < 170 U      |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>170</b> | <b>580</b>   |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>170</b> | <b>300 P</b> |
| 11104-28-2        | Aroclor 1221        | 170        | < 170 U      |
| 11141-16-5        | Aroclor 1232        | 170        | < 170 U      |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 65.2% |
| Tetrachlorometaxylene | 54.8% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC44-1-1.5

SAMPLE

Lab Sample ID: JL34C

LIMS ID: 06-9411

Matrix: Sediment

Data Release Authorized:

Reported: 06/22/06

QC Report No: JL34-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/21/06

Date Received: 02/21/06

Date Extracted: 06/15/06

Date Analyzed: 06/20/06 12:10

Instrument/Analyst: ECD5/AAR

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: 6.5

Percent Moisture: 37.3%

| 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 | 39 | < 39 Y |
| 11097-69-1 | Aroclor 1254 | 20 | 100    |
| 11096-82-5 | Aroclor 1260 | 20 | 99     |
| 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    | 93.8% |
| Tetrachlorometaxylene | 54.0% |

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SC44-1.5-2

SAMPLE

Lab Sample ID: JL34D

LIMS ID: 06-9412

Matrix: Sediment

Data Release Authorized:

Reported: 06/22/06

QC Report No: JL34-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/21/06

Date Received: 02/21/06

Date Extracted: 06/15/06

Date Analyzed: 06/20/06 12:28

Instrument/Analyst: ECD5/AAR

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: 5.00

Silica Gel: No

pH: 6.6

Percent Moisture: 37.8%

| 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 | < 19 U |
| 11097-69-1 | Aroclor 1254 | 19 | 70     |
| 11096-82-5 | Aroclor 1260 | 19 | 70     |
| 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    | 87.5% |
| Tetrachlorometaxylene | 52.6% |



Sample ID: LDW-SC44-2-3.2  
SAMPLE

Lab Sample ID: JC95E  
LIMS ID: 06-4144  
Matrix: Sediment  
Data Release Authorized:   
Reported: 03/27/06

QC Report No: JC95-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/21/06  
Date Received: 02/21/06

Date Extracted: 03/07/06  
Date Analyzed: 03/23/06 05:47  
Instrument/Analyst: ECD5/AAR  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Acid Cleanup: Yes  
Florisol Cleanup: No

Sample Amount: 25.5 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 10.0  
Silica Gel: No  
pH: 7.7  
Percent Moisture: 39.3%

| CAS Number        | Analyte             | RL        | Result     |
|-------------------|---------------------|-----------|------------|
| 12674-11-2        | Aroclor 1016        | 39        | < 39 U     |
| 53469-21-9        | Aroclor 1242        | 39        | < 39 U     |
| 12672-29-6        | Aroclor 1248        | 39        | < 39 U     |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>39</b> | <b>85</b>  |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>39</b> | <b>360</b> |
| 11104-28-2        | Aroclor 1221        | 39        | < 39 U     |
| 11141-16-5        | Aroclor 1232        | 39        | < 39 U     |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | D     |
| Tetrachlorometaxylene | 69.5% |

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SC44-2-2.5

SAMPLE

Lab Sample ID: JL34E

LIMS ID: 06-9413

Matrix: Sediment

Data Release Authorized:

Reported: 06/22/06

QC Report No: JL34-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/21/06

Date Received: 02/21/06

Date Extracted: 06/15/06

Date Analyzed: 06/20/06 14:34

Instrument/Analyst: ECD5/AAR

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: 10.0

Silica Gel: No

pH: 6.7

Percent Moisture: 35.4%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 39 | < 39 U |
| 53469-21-9 | Aroclor 1242 | 39 | < 39 U |
| 12672-29-6 | Aroclor 1248 | 39 | < 39 U |
| 11097-69-1 | Aroclor 1254 | 39 | 87     |
| 11096-82-5 | Aroclor 1260 | 39 | 180    |
| 11104-28-2 | Aroclor 1221 | 39 | < 39 U |
| 11141-16-5 | Aroclor 1232 | 39 | < 39 U |

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

PCB Surrogate Recovery

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 102%  |
| Tetrachlorometaxylene | 50.2% |

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SC44-2.5-3

SAMPLE

Lab Sample ID: JL34F

LIMS ID: 06-9414

Matrix: Sediment

Data Release Authorized:

Reported: 06/22/06

QC Report No: JL34-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/21/06

Date Received: 02/21/06

Date Extracted: 06/15/06

Date Analyzed: 06/20/06 14:52

Instrument/Analyst: ECD5/AAR

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: 10.0

Silica Gel: No

pH: 5.9

Percent Moisture: 35.4%


| 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 | < 40 U |
| 11097-69-1 | Aroclor 1254 | 40 | < 40 U |
| 11096-82-5 | Aroclor 1260 | 40 | 150    |
| 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    | 102%  |
| Tetrachlorometaxylene | 49.5% |

Sample ID: LDW-SC44-3.2-4  
SAMPLE

Lab Sample ID: JC95F  
LIMS ID: 06-4145  
Matrix: Sediment  
Data Release Authorized:   
Reported: 03/27/06

QC Report No: JC95-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/21/06  
Date Received: 02/21/06

Date Extracted: 03/07/06  
Date Analyzed: 03/14/06 20:47  
Instrument/Analyst: ECD5/AAR  
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: 7.6  
Percent Moisture: 20.3%

| 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 | < 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 | 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    | 73.5% |
| Tetrachlorometaxylene | 55.8% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC44-3-3.5

SAMPLE

Lab Sample ID: JL34G

LIMS ID: 06-9415

Matrix: Sediment

Data Release Authorized: *AB*

Reported: 06/22/06

QC Report No: JL34-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/21/06

Date Received: 02/21/06

Date Extracted: 06/15/06

Date Analyzed: 06/20/06 08:35

Instrument/Analyst: ECD5/AAR

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: 1.00

Silica Gel: No

pH: 6.6

Percent Moisture: 25.9%

| 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 | < 4.0 U |
| 11097-69-1 | Aroclor 1254 | 4.0 | < 4.0 U |
| 11096-82-5 | Aroclor 1260 | 4.0 | < 4.0 U |
| 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    | 85.0% |
| Tetrachlorometaxylene | 65.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC45-0-1

**SAMPLE**

Lab Sample ID: JC10U

LIMS ID: 06-3473

Matrix: Sediment

Data Release Authorized:

Reported: 03/15/06

QC Report No: JC10-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/21/06

Date Received: 02/21/06

Date Extracted: 03/03/06

Date Analyzed: 03/10/06 23:43

Instrument/Analyst: ECD5/YZ

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 11.4 g-dry-wt

Final Extract Volume: 5.0 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        | 44        | < 44 U      |
| 53469-21-9 | Aroclor 1242        | 44        | < 44 U      |
| 12672-29-6 | <b>Aroclor 1248</b> | <b>44</b> | <b>49 J</b> |
| 11097-69-1 | <b>Aroclor 1254</b> | <b>44</b> | <b>110</b>  |
| 11096-82-5 | <b>Aroclor 1260</b> | <b>44</b> | <b>69</b>   |
| 11104-28-2 | Aroclor 1221        | 44        | < 44 U      |
| 11141-16-5 | Aroclor 1232        | 44        | < 44 U      |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 72.5% |
| Tetrachlorometaxylene | 68.5% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC45-1-2  
SAMPLE

Lab Sample ID: JC10V  
LIMS ID: 06-3474  
Matrix: Sediment  
Data Release Authorized: *MW*  
Reported: 03/15/06

QC Report No: JC10-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/21/06  
Date Received: 02/21/06

Date Extracted: 03/03/06  
Date Analyzed: 03/13/06 19:55  
Instrument/Analyst: ECD5/YZ  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Acid Cleanup: Yes  
Florisil Cleanup: No

Sample Amount: 25.1 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 5.00  
Silica Gel: No  
pH: 7.4  
Percent Moisture: 44.3%

| 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 | 41     |
| 11097-69-1 | Aroclor 1254 | 20 | 130    |
| 11096-82-5 | Aroclor 1260 | 20 | 96     |
| 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    | 102%  |
| Tetrachlorometaxylene | 74.8% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC45-2-4

SAMPLE

Lab Sample ID: JC10W

LIMS ID: 06-3475

Matrix: Sediment

Data Release Authorized: ~~XXX~~

Reported: 03/15/06

QC Report No: JC10-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/21/06

Date Received: 02/21/06

Date Extracted: 03/03/06

Date Analyzed: 03/13/06 21:10

Instrument/Analyst: ECD5/YZ

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: 10.0

Silica Gel: No

pH: 7.6

Percent Moisture: 44.1%

| 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 | 75     |
| 11097-69-1 | Aroclor 1254 | 40 | 330    |
| 11096-82-5 | Aroclor 1260 | 40 | 160    |
| 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    | 98.5% |
| Tetrachlorometaxylene | 59.8% |



**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC45-5-6


SAMPLE

Lab Sample ID: JH57K

LIMS ID: 06-7252

Matrix: Sediment

Data Release Authorized:

Reported: 05/12/06 

QC Report No: JH57-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/21/06

Date Received: 02/21/06

Date Extracted: 05/04/06

Date Analyzed: 05/08/06 18:20

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: 7.9

Percent Moisture: 21.9%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 3.9 | < 3.9 U |
| 53469-21-9 | Aroclor 1242 | 7.7 | < 7.7 Y |
| 12672-29-6 | Aroclor 1248 | 3.9 | < 3.9 U |
| 11097-69-1 | Aroclor 1254 | 3.9 | 86 E    |
| 11096-82-5 | Aroclor 1260 | 3.9 | 28 P    |
| 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    | 116%  |
| Tetrachlorometaxylene | 75.8% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1


Sample ID: LDW-SC45-5-6

DILUTION

Lab Sample ID: JH57K

LIMS ID: 06-7252

Matrix: Sediment

Data Release Authorized: 

Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/21/06

Date Received: 02/21/06

Date Extracted: 05/04/06

Date Analyzed: 05/09/06 13:04

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: 3.00

Silica Gel: No

pH: 7.9

Percent Moisture: 21.9%

| 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        | < 12 U    |
| 11097-69-1 | <b>Aroclor 1254</b> | <b>12</b> | <b>94</b> |
| 11096-82-5 | <b>Aroclor 1260</b> | <b>12</b> | <b>28</b> |
| 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    | 110%  |
| Tetrachlorometaxylene | 81.8% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC46-0-1

SAMPLE

Lab Sample ID: JC42Z

LIMS ID: 06-3841

Matrix: Sediment

Data Release Authorized: *AS*

Reported: 03/27/06

QC Report No: JC42-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/24/06

Date Received: 02/24/06

Date Extracted: 03/10/06

Date Analyzed: 03/22/06 22:52

Instrument/Analyst: ECD5/AAR

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: 4.00

Silica Gel: No

pH: 7.3

Percent Moisture: 42.5%

| 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 | 68     |
| 11097-69-1 | Aroclor 1254 | 16 | 65     |
| 11096-82-5 | Aroclor 1260 | 16 | 81     |
| 11104-28-2 | Aroclor 1221 | 16 | < 16 U |
| 11141-16-5 | Aroclor 1232 | 16 | < 16 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 160%  |
| Tetrachlorometaxylene | 65.2% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC46-1-2

SAMPLE

Lab Sample ID: JC42AA

LIMS ID: 06-3842

Matrix: Sediment

Data Release Authorized:

Reported: 03/27/06

QC Report No: JC42-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/24/06

Date Received: 02/24/06

Date Extracted: 03/10/06

Date Analyzed: 03/21/06 02:53

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 2.00

Silica Gel: No

pH: 8.0

Percent Moisture: 40.2%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 7.9 | < 7.9 U |
| 53469-21-9 | Aroclor 1242 | 7.9 | < 7.9 U |
| 12672-29-6 | Aroclor 1248 | 7.9 | 38      |
| 11097-69-1 | Aroclor 1254 | 7.9 | 72      |
| 11096-82-5 | Aroclor 1260 | 7.9 | 75 P    |
| 11104-28-2 | Aroclor 1221 | 7.9 | < 7.9 U |
| 11141-16-5 | Aroclor 1232 | 7.9 | < 7.9 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 97.5% |
| Tetrachlorometaxylene | 55.0% |

Sample ID: LDW-SC46-2-4  
SAMPLE

Lab Sample ID: JC42AB  
LIMS ID: 06-3843  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/27/06

QC Report No: JC42-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/24/06  
Date Received: 02/24/06

Date Extracted: 03/10/06  
Date Analyzed: 03/22/06 23:11  
Instrument/Analyst: ECD5/AAR  
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: 4.00  
Silica Gel: No  
pH: 7.6  
Percent Moisture: 44.2%

| 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 | 67     |
| 11097-69-1 | Aroclor 1254 | 16 | 100    |
| 11096-82-5 | Aroclor 1260 | 16 | 100    |
| 11104-28-2 | Aroclor 1221 | 16 | < 16 U |
| 11141-16-5 | Aroclor 1232 | 16 | < 16 U |


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

PCB Surrogate Recovery

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 121%  |
| Tetrachlorometaxylene | 61.7% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC46-4-6.8  
SAMPLE

Lab Sample ID: JH57AF  
LIMS ID: 06-7273  
Matrix: Sediment  
Data Release Authorized:   
Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/24/06  
Date Received: 02/24/06

Date Extracted: 05/05/06  
Date Analyzed: 05/09/06 20:51  
Instrument/Analyst: ECD5/PK  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Acid Cleanup: Yes  
Florisil Cleanup: No

Sample Amount: 25.0 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 1.00  
Silica Gel: No  
pH: 8.1  
Percent Moisture: 38.9%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 4.0 | < 4.0 U |
| 53469-21-9 | Aroclor 1242 | 4.0 | 21      |
| 12672-29-6 | Aroclor 1248 | 4.0 | < 4.0 U |
| 11097-69-1 | Aroclor 1254 | 4.0 | 86 E    |
| 11096-82-5 | Aroclor 1260 | 4.0 | 79 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    | 87.0% |
| Tetrachlorometaxylene | 53.2% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1


Sample ID: LDW-SC46-4-6.8

DILUTION

Lab Sample ID: JH57AF

LIMS ID: 06-7273

Matrix: Sediment

Data Release Authorized: 

Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/24/06

Date Received: 02/24/06

Date Extracted: 05/05/06

Date Analyzed: 05/10/06 21:11

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.0 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 5.00

Silica Gel: No

pH: 8.1

Percent Moisture: 38.9%

| CAS Number        | Analyte             | RL        | Result    |
|-------------------|---------------------|-----------|-----------|
| 12674-11-2        | Aroclor 1016        | 20        | < 20 U    |
| <b>53469-21-9</b> | <b>Aroclor 1242</b> | <b>20</b> | <b>24</b> |
| 12672-29-6        | Aroclor 1248        | 20        | < 20 U    |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>20</b> | <b>84</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>20</b> | <b>90</b> |
| 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    | 103%  |
| Tetrachlorometaxylene | 58.1% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC47-0-1

SAMPLE

Lab Sample ID: JC32AI

LIMS ID: 06-3715

Matrix: Sediment

Data Release Authorized:

Reported: 03/17/06

QC Report No: JC32-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/23/06

Date Received: 02/23/06

Date Extracted: 03/07/06

Date Analyzed: 03/14/06 07:31

Instrument/Analyst: ECD5/YZ

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: 7.0

Percent Moisture: 30.9%

| 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 | 13      |
| 11097-69-1 | Aroclor 1254 | 3.9 | 30      |
| 11096-82-5 | Aroclor 1260 | 3.9 | 29      |
| 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    | 68.2% |
| Tetrachlorometaxylene | 55.0% |



ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC47-1-2  
SAMPLE

Lab Sample ID: JC32AJ  
LIMS ID: 06-3716  
Matrix: Sediment  
Data Release Authorized:   
Reported: 03/17/06

QC Report No: JC32-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/23/06  
Date Received: 02/23/06

Date Extracted: 03/07/06  
Date Analyzed: 03/14/06 14:30  
Instrument/Analyst: ECD5/YZ  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Acid Cleanup: Yes  
Florisil Cleanup: No

Sample Amount: 7.82 g-dry-wt  
Final Extract Volume: 5.0 mL  
Dilution Factor: 2.00  
Silica Gel: No  
pH: 7.4  
Percent Moisture: 37.6%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 130 | < 130 U |
| 53469-21-9 | Aroclor 1242 | 130 | < 130 U |
| 12672-29-6 | Aroclor 1248 | 130 | 460     |
| 11097-69-1 | Aroclor 1254 | 130 | 1,100   |
| 11096-82-5 | Aroclor 1260 | 130 | 410     |
| 11104-28-2 | Aroclor 1221 | 130 | < 130 U |
| 11141-16-5 | Aroclor 1232 | 130 | < 130 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 77.5% |
| Tetrachlorometaxylene | 72.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC47-2-3

SAMPLE

Lab Sample ID: JC32AK

LIMS ID: 06-3717

Matrix: Sediment

Data Release Authorized: *AB*

Reported: 03/17/06

QC Report No: JC32-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/23/06

Date Received: 02/23/06

Date Extracted: 03/07/06

Date Analyzed: 03/14/06 03:26

Instrument/Analyst: ECD5/YZ

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 18.0 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.0

Percent Moisture: 27.9%

| 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 | 100    |
| 11097-69-1 | Aroclor 1254 | 28 | 270    |
| 11096-82-5 | Aroclor 1260 | 28 | 120    |
| 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    | 75.0% |
| Tetrachlorometaxylene | 65.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC47-3-4

SAMPLE

Lab Sample ID: JC32AL

LIMS ID: 06-3718

Matrix: Sediment

Data Release Authorized:

Reported: 03/17/06

QC Report No: JC32-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/23/06

Date Received: 02/23/06

Date Extracted: 03/07/06

Date Analyzed: 03/14/06 07:50

Instrument/Analyst: ECD5/YZ

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 6.7

Percent Moisture: 18.5%

| 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 | < 4.0 U |
| 11097-69-1 | Aroclor 1254 | 4.0 | < 4.0 U |
| 11096-82-5 | Aroclor 1260 | 4.0 | < 4.0 U |
| 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    | 63.0% |
| Tetrachlorometaxylene | 56.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC48-0-1

SAMPLE

Lab Sample ID: JB90C

LIMS ID: 06-3303

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 03/06/06

QC Report No: JB90-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/08/06

Date Received: 02/08/06

Date Extracted: 02/21/06

Date Analyzed: 02/25/06 02:38

Instrument/Analyst: ECD5/AAR

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: 6.5

Percent Moisture: 25.3%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 3.9 | < 3.9 U |
| 53469-21-9 | Aroclor 1242 | 3.9 | 5.2     |
| 12672-29-6 | Aroclor 1248 | 3.9 | < 3.9 U |
| 11097-69-1 | Aroclor 1254 | 3.9 | 46 E    |
| 11096-82-5 | Aroclor 1260 | 3.9 | 20      |
| 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    | 97.8% |
| Tetrachlorometaxylene | 68.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC48-0-1

DILUTION

Lab Sample ID: JB90C

LIMS ID: 06-3303

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 03/06/06

QC Report No: JB90-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/08/06

Date Received: 02/08/06

Date Extracted: 02/21/06

Date Analyzed: 02/27/06 14:17

Instrument/Analyst: ECD5/AAR

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: 3.00

Silica Gel: No

pH: 6.5

Percent Moisture: 25.3%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 12 | < 12 U |
| 53469-21-9 | Aroclor 1242 | 12 | 6.1 J  |
| 12672-29-6 | Aroclor 1248 | 12 | < 12 U |
| 11097-69-1 | Aroclor 1254 | 12 | 52     |
| 11096-82-5 | Aroclor 1260 | 12 | 22     |
| 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    | 103%  |
| Tetrachlorometaxylene | 74.7% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC48-1-2  
SAMPLE

Lab Sample ID: JB90D  
LIMS ID: 06-3304  
Matrix: Sediment  
Data Release Authorized: *AA*  
Reported: 03/06/06

QC Report No: JB90-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/08/06  
Date Received: 02/08/06

Date Extracted: 02/21/06  
Date Analyzed: 02/27/06 14:36  
Instrument/Analyst: ECD5/AAR  
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: 6.4  
Percent Moisture: 23.4%

| 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 | < 3.8 U |
| 11097-69-1 | Aroclor 1254 | 3.8 | < 3.8 U |
| 11096-82-5 | Aroclor 1260 | 3.8 | < 3.8 U |
| 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    | 83.8% |
| Tetrachlorometaxylene | 67.2% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC48-2-4

SAMPLE

Lab Sample ID: JB90E

LIMS ID: 06-3305

Matrix: Sediment

Data Release Authorized: *AB*

Reported: 03/06/06

QC Report No: JB90-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/08/06

Date Received: 02/08/06

Date Extracted: 02/21/06

Date Analyzed: 02/25/06 03:16

Instrument/Analyst: ECD5/AAR

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: 6.2

Percent Moisture: 21.9%

| 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 | < 3.9 U |
| 11096-82-5 | Aroclor 1260 | 3.9 | < 3.9 U |
| 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    | 114%  |
| Tetrachlorometaxylene | 58.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC49-0-1

**SAMPLE**

Lab Sample ID: JA36F

LIMS ID: 06-1917

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 02/23/06

QC Report No: JA36-Windward Environmental, LLC

Project: LDW RI-Suburface Sediment Chemistry

05-08-06-32

Date Sampled: 02/06/06

Date Received: 02/06/06

Date Extracted: 02/16/06

Date Analyzed: 02/21/06 08:33

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: 7.0

Percent Moisture: 48.6%

| CAS Number        | Analyte             | RL         | Result    |
|-------------------|---------------------|------------|-----------|
| 12674-11-2        | Aroclor 1016        | 3.9        | < 3.9 U   |
| <b>53469-21-9</b> | <b>Aroclor 1242</b> | <b>3.9</b> | <b>16</b> |
| 12672-29-6        | Aroclor 1248        | 3.9        | < 3.9 U   |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>3.9</b> | <b>36</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>3.9</b> | <b>23</b> |
| 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    | 63.5% |
| Tetrachlorometaxylene | 53.5% |



**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC49-1-2

**SAMPLE**

Lab Sample ID: JA36G

LIMS ID: 06-1918

Matrix: Sediment

Data Release Authorized: *AB*

Reported: 02/23/06

QC Report No: JA36-Windward Environmental, LLC

Project: LDW RI-Suburface Sediment Chemistry

05-08-06-32

Date Sampled: 02/06/06

Date Received: 02/06/06

Date Extracted: 02/16/06

Date Analyzed: 02/21/06 08:52

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: 43.1%

| CAS Number        | Analyte             | RL         | Result      |
|-------------------|---------------------|------------|-------------|
| 12674-11-2        | Aroclor 1016        | 3.9        | < 3.9 U     |
| <b>53469-21-9</b> | <b>Aroclor 1242</b> | <b>3.9</b> | <b>16</b>   |
| 12672-29-6        | Aroclor 1248        | 3.9        | < 3.9 U     |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>3.9</b> | <b>76 E</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>3.9</b> | <b>44 E</b> |
| 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    | 62.8% |
| Tetrachlorometaxylene | 52.8% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC49-1-2  
DILUTION

Lab Sample ID: JA36G  
LIMS ID: 06-1918  
Matrix: Sediment  
Data Release Authorized: *AB*  
Reported: 02/23/06

QC Report No: JA36-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chemistry  
05-08-06-32  
Date Sampled: 02/06/06  
Date Received: 02/06/06

Date Extracted: 02/16/06  
Date Analyzed: 02/22/06 07:28  
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: 5.00  
Silica Gel: No  
pH: 7.6  
Percent Moisture: 43.1%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 20 | < 20 U |
| 53469-21-9 | Aroclor 1242 | 20 | 17 J   |
| 12672-29-6 | Aroclor 1248 | 20 | < 20 U |
| 11097-69-1 | Aroclor 1254 | 20 | 84     |
| 11096-82-5 | Aroclor 1260 | 20 | 50     |
| 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    | 70.0% |
| Tetrachlorometaxylene | 58.2% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC49-2-4

SAMPLE

Lab Sample ID: JA36H

LIMS ID: 06-1919

Matrix: Sediment

Data Release Authorized: *AB*

Reported: 02/23/06

QC Report No: JA36-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chemistry

05-08-06-32

Date Sampled: 02/06/06

Date Received: 02/06/06

Date Extracted: 02/16/06

Date Analyzed: 02/21/06 09:10

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.1 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.1

Percent Moisture: 40.4%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 4.0 | < 4.0 U |
| 53469-21-9 | Aroclor 1242 | 4.0 | 150 E   |
| 12672-29-6 | Aroclor 1248 | 4.0 | < 4.0 U |
| 11097-69-1 | Aroclor 1254 | 4.0 | 170 E   |
| 11096-82-5 | Aroclor 1260 | 4.0 | 95 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    | 102%  |
| Tetrachlorometaxylene | 75.5% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC49-4-6  
SAMPLE

Lab Sample ID: JH57AG  
LIMS ID: 06-7274  
Matrix: Sediment  
Data Release Authorized:  
Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/06/06  
Date Received: 02/06/06

Date Extracted: 05/05/06  
Date Analyzed: 05/09/06 21:08  
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: 7.6  
Percent Moisture: 40.1%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 3.9 | < 3.9 U |
| 53469-21-9 | Aroclor 1242 | 3.9 | 280 E   |
| 12672-29-6 | Aroclor 1248 | 3.9 | < 3.9 U |
| 11097-69-1 | Aroclor 1254 | 3.9 | 360 E   |
| 11096-82-5 | Aroclor 1260 | 3.9 | 130 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    | 115%  |
| Tetrachlorometaxylene | 71.8% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC49-4-6

DILUTION

Lab Sample ID: JH57AG

LIMS ID: 06-7274

Matrix: Sediment

Data Release Authorized:

Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/06/06

Date Received: 02/06/06

Date Extracted: 05/05/06

Date Analyzed: 05/10/06 21:29

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: 20.0

Silica Gel: No

pH: 7.6

Percent Moisture: 40.1%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 79 | < 79 U |
| 53469-21-9 | Aroclor 1242 | 79 | 300    |
| 12672-29-6 | Aroclor 1248 | 79 | < 79 U |
| 11097-69-1 | Aroclor 1254 | 79 | 340    |
| 11096-82-5 | Aroclor 1260 | 79 | 140    |
| 11104-28-2 | Aroclor 1221 | 79 | < 79 U |
| 11141-16-5 | Aroclor 1232 | 79 | < 79 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 124%  |
| Tetrachlorometaxylene | 86.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC49-6-8

**SAMPLE**

Lab Sample ID: JO76R

LIMS ID: 06-11866

Matrix: Sediment

Data Release Authorized: **NTS**

Reported: 07/21/06

QC Report No: JO76-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/06/06

Date Received: 02/06/06

Date Extracted: 07/14/06

Date Analyzed: 07/20/06 18:45

Instrument/Analyst: ECD2/AAR

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: 10.0

Silica Gel: No

pH: 7.6

Percent Moisture: 41.6%

| 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 | 390    |
| 11097-69-1 | Aroclor 1254 | 40 | 290    |
| 11096-82-5 | Aroclor 1260 | 40 | 130    |
| 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    | 131%  |
| Tetrachlorometaxylene | 45.8% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC49-8-10

SAMPLE

Lab Sample ID: JO76I

LIMS ID: 06-11857

Matrix: Sediment

Data Release Authorized: **VTS**

Reported: 07/21/06

QC Report No: JO76-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/06/06

Date Received: 02/06/06

Date Extracted: 07/14/06

Date Analyzed: 07/19/06 15:27

Instrument/Analyst: ECD2/AAR

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: 7.6

Percent Moisture: 39.6%

| 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        | < 20 U     |
| 11097-69-1        | Aroclor 1254        | 39        | < 39 Y     |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>20</b> | <b>130</b> |
| 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    | 124% |
| Tetrachlorometaxylene | 113% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1


Sample ID: LDW-SC50-0-1

SAMPLE

Lab Sample ID: JC42L

LIMS ID: 06-3827

Matrix: Sediment

Data Release Authorized: 

Reported: 03/27/06

QC Report No: JC42-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/24/06

Date Received: 02/24/06

Date Extracted: 03/09/06

Date Analyzed: 03/16/06 04:41

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 9.11 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 8.1

Percent Moisture: 27.2%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 55  | < 55 U  |
| 53469-21-9 | Aroclor 1242 | 55  | < 55 U  |
| 12672-29-6 | Aroclor 1248 | 55  | 140     |
| 11097-69-1 | Aroclor 1254 | 55  | 370     |
| 11096-82-5 | Aroclor 1260 | 110 | < 110 Y |
| 11104-28-2 | Aroclor 1221 | 55  | < 55 U  |
| 11141-16-5 | Aroclor 1232 | 55  | < 55 U  |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 82.0% |
| Tetrachlorometaxylene | 64.2% |



**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC50-1-2

SAMPLE

Lab Sample ID: JC42M

LIMS ID: 06-3828

Matrix: Sediment

Data Release Authorized:

Reported: 03/27/06

QC Report No: JC42-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/24/06

Date Received: 02/24/06

Date Extracted: 03/09/06

Date Analyzed: 03/23/06 02:19

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 9.42 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 2.00

Silica Gel: No

pH: 8.1

Percent Moisture: 24.9%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 110 | < 110 U |
| 53469-21-9 | Aroclor 1242 | 110 | < 110 U |
| 12672-29-6 | Aroclor 1248 | 110 | 270     |
| 11097-69-1 | Aroclor 1254 | 110 | 510     |
| 11096-82-5 | Aroclor 1260 | 210 | < 210 Y |
| 11104-28-2 | Aroclor 1221 | 110 | < 110 U |
| 11141-16-5 | Aroclor 1232 | 110 | < 110 U |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 130%  |
| Tetrachlorometaxylene | 72.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC50-2-2.8

SAMPLE

Lab Sample ID: JC42N

LIMS ID: 06-3829

Matrix: Sediment

Data Release Authorized: *AS*

Reported: 03/27/06

QC Report No: JC42-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/24/06

Date Received: 02/24/06

Date Extracted: 03/10/06

Date Analyzed: 03/22/06 22:33

Instrument/Analyst: ECD5/AAR

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: 2.00

Silica Gel: No

pH: 8.0

Percent Moisture: 25.9%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 7.8 | < 7.8 U |
| 53469-21-9 | Aroclor 1242 | 7.8 | < 7.8 U |
| 12672-29-6 | Aroclor 1248 | 7.8 | 14 P    |
| 11097-69-1 | Aroclor 1254 | 7.8 | 27      |
| 11096-82-5 | Aroclor 1260 | 7.8 | 34      |
| 11104-28-2 | Aroclor 1221 | 7.8 | < 7.8 U |
| 11141-16-5 | Aroclor 1232 | 7.8 | < 7.8 U |


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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 118%  |
| Tetrachlorometaxylene | 75.0% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC50-2.8-4  
**SAMPLE**

Lab Sample ID: JC420  
 LIMS ID: 06-3830  
 Matrix: Sediment  
 Data Release Authorized:   
 Reported: 03/27/06

QC Report No: JC42-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/24/06  
 Date Received: 02/24/06

Date Extracted: 03/10/06  
 Date Analyzed: 03/21/06 02:15  
 Instrument/Analyst: ECD5/AAR  
 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: 8.2  
 Percent Moisture: 15.0%

| 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 | < 3.8 U |
| 11097-69-1 | Aroclor 1254 | 3.8 | < 3.8 U |
| 11096-82-5 | Aroclor 1260 | 3.8 | < 3.8 U |
| 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    | 92.2% |
| Tetrachlorometaxylene | 58.5% |

Sample ID: LDW-SC51-0-2  
SAMPLE

Lab Sample ID: JC21R  
LIMS ID: 06-3590  
Matrix: Sediment  
Data Release Authorized: *AS*  
Reported: 03/27/06

QC Report No: JC21-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/22/06  
Date Received: 02/22/06

Date Extracted: 03/09/06  
Date Analyzed: 03/16/06 00:36  
Instrument/Analyst: ECD5/AAR  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Acid Cleanup: Yes  
Florisil Cleanup: No

Sample Amount: 8.71 g-dry-wt  
Final Extract Volume: 5.0 mL  
Dilution Factor: 1.00  
Silica Gel: No  
pH: 8.4  
Percent Moisture: 30.3%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 57 | < 57 U |
| 53469-21-9 | Aroclor 1242 | 57 | < 57 U |
| 12672-29-6 | Aroclor 1248 | 57 | 170    |
| 11097-69-1 | Aroclor 1254 | 57 | 920 E  |
| 11096-82-5 | Aroclor 1260 | 57 | 190    |
| 11104-28-2 | Aroclor 1221 | 57 | < 57 U |
| 11141-16-5 | Aroclor 1232 | 57 | < 57 U |

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

PCB Surrogate Recovery

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 70.0% |
| Tetrachlorometaxylene | 68.0% |

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SC51-0-2

DILUTION

Lab Sample ID: JC21R

LIMS ID: 06-3590

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 03/27/06

QC Report No: JC21-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/22/06

Date Received: 02/22/06

Date Extracted: 03/09/06

Date Analyzed: 03/24/06 16:07

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 8.71 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 2.00

Silica Gel: No

pH: 8.4

Percent Moisture: 30.3%

| 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 | 220     |
| 11097-69-1 | Aroclor 1254 | 120 | 930     |
| 11096-82-5 | Aroclor 1260 | 120 | 340     |
| 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    | 95.0% |
| Tetrachlorometaxylene | 74.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC51-2-3.8

SAMPLE

Lab Sample ID: JC21S

LIMS ID: 06-3591

Matrix: Sediment

Data Release Authorized: *AB*

Reported: 03/27/06

QC Report No: JC21-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/22/06

Date Received: 02/22/06

Date Extracted: 03/09/06

Date Analyzed: 03/16/06 00:55

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 9.35 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.9

Percent Moisture: 25.4%

| CAS Number | Analyte      | RL | Result |
|------------|--------------|----|--------|
| 12674-11-2 | Aroclor 1016 | 54 | < 54 U |
| 53469-21-9 | Aroclor 1242 | 54 | < 54 U |
| 12672-29-6 | Aroclor 1248 | 54 | 120    |
| 11097-69-1 | Aroclor 1254 | 54 | 400    |
| 11096-82-5 | Aroclor 1260 | 54 | 180    |
| 11104-28-2 | Aroclor 1221 | 54 | < 54 U |
| 11141-16-5 | Aroclor 1232 | 54 | < 54 U |


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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 104%  |
| Tetrachlorometaxylene | 65.8% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA PCB by GC/ECD**  
 Page 1 of 1

**Sample ID: LDW-SC51-3.8-5.8**  
**SAMPLE**

Lab Sample ID: JH57C  
 LIMS ID: 06-7244  
 Matrix: Sediment  
 Data Release Authorized:   
 Reported: 05/12/06

QC Report No: JH57-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/22/06  
 Date Received: 02/22/06

Date Extracted: 05/04/06  
 Date Analyzed: 05/08/06 14:26  
 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: 22.2%

| 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 | < 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 | 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    | 92.8% |
| Tetrachlorometaxylene | 69.8% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC52-0-1

SAMPLE

Lab Sample ID: JA90B

LIMS ID: 06-2356

Matrix: Sediment

Data Release Authorized: *AB*

Reported: 02/28/06

QC Report No: JA90-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/08/06

Date Received: 02/08/06

Date Extracted: 02/17/06

Date Analyzed: 02/22/06 13:20

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 3.53 g-dry-wt

Final Extract Volume: 4.0 mL

Dilution Factor: 5.00

Silica Gel: No

pH: 6.8

Percent Moisture: 41.5%

| CAS Number        | Analyte             | RL         | Result       |
|-------------------|---------------------|------------|--------------|
| 12674-11-2        | Aroclor 1016        | 570        | < 570 U      |
| 53469-21-9        | Aroclor 1242        | 570        | < 570 U      |
| 12672-29-6        | Aroclor 1248        | 570        | < 570 U      |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>570</b> | <b>2,400</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>570</b> | <b>550 J</b> |
| 11104-28-2        | Aroclor 1221        | 570        | < 570 U      |
| 11141-16-5        | Aroclor 1232        | 570        | < 570 U      |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 86.0% |
| Tetrachlorometaxylene | 70.6% |



**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC52-1-2

SAMPLE

Lab Sample ID: JA90C

LIMS ID: 06-2357

Matrix: Sediment

Data Release Authorized: *AS*

Reported: 02/28/06

QC Report No: JA90-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/08/06

Date Received: 02/08/06

Date Extracted: 02/16/06

Date Analyzed: 02/22/06 08:42

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: 39.1%

| 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        | < 19 U    |
| 11097-69-1        | Aroclor 1254        | 19        | < 19 U    |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>19</b> | <b>65</b> |
| 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    | 88.6% |
| Tetrachlorometaxylene | 66.2% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1


Sample ID: LDW-SC52-2-4

SAMPLE

Lab Sample ID: JA90D

LIMS ID: 06-2358

Matrix: Sediment

Data Release Authorized: 

Reported: 02/28/06

QC Report No: JA90-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/08/06

Date Received: 02/08/06

Date Extracted: 02/16/06

Date Analyzed: 02/22/06 09:00

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: 1.00

Silica Gel: No

pH: 7.0

Percent Moisture: 21.4%

| 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 | < 4.0 U |
| 11097-69-1 | Aroclor 1254 | 4.0 | < 4.0 U |
| 11096-82-5 | Aroclor 1260 | 4.0 | < 4.0 U |
| 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    | 69.8% |
| Tetrachlorometaxylene | 52.5% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC53-0-2  
SAMPLE

Lab Sample ID: JA64A  
LIMS ID: 06-2143  
Matrix: Sediment  
Data Release Authorized:  
Reported: 02/24/06

QC Report No: JA64-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chemistr  
05-08-06-32  
Date Sampled: 02/07/06  
Date Received: 02/07/06

Date Extracted: 02/16/06  
Date Analyzed: 02/22/06 08:05  
Instrument/Analyst: ECD5/PK  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Acid Cleanup: Yes  
Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt  
Final Extract Volume: 1.0 mL  
Dilution Factor: 1.00  
Silica Gel: No  
pH: 6.7  
Percent Moisture: 54.3%

| CAS Number        | Analyte             | RL         | Result    |
|-------------------|---------------------|------------|-----------|
| 12674-11-2        | Aroclor 1016        | 4.0        | < 4.0 U   |
| <b>53469-21-9</b> | <b>Aroclor 1242</b> | <b>4.0</b> | <b>13</b> |
| 12672-29-6        | Aroclor 1248        | 4.0        | < 4.0 U   |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>4.0</b> | <b>32</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>4.0</b> | <b>23</b> |
| 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    | 66.5% |
| Tetrachlorometaxylene | 51.8% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC53-2-4

SAMPLE

Lab Sample ID: JA64B

LIMS ID: 06-2144

Matrix: Sediment

Data Release Authorized:

Reported: 02/24/06

QC Report No: JA64-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chemistr

05-08-06-32

Date Sampled: 02/07/06

Date Received: 02/07/06

Date Extracted: 02/16/06

Date Analyzed: 02/22/06 08:23

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: 7.4

Percent Moisture: 52.3%

| CAS Number | Analyte      | RL  | Result  |
|------------|--------------|-----|---------|
| 12674-11-2 | Aroclor 1016 | 3.9 | < 3.9 U |
| 53469-21-9 | Aroclor 1242 | 3.9 | 13      |
| 12672-29-6 | Aroclor 1248 | 3.9 | < 3.9 U |
| 11097-69-1 | Aroclor 1254 | 3.9 | 38      |
| 11096-82-5 | Aroclor 1260 | 3.9 | 26      |
| 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    | 67.5% |
| Tetrachlorometaxylene | 54.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1


Sample ID: LDW-SC54-0-2

SAMPLE

Lab Sample ID: JC32R

LIMS ID: 06-3698

Matrix: Sediment

Data Release Authorized: 

Reported: 03/17/06

QC Report No: JC32-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/23/06

Date Received: 02/23/06

Date Extracted: 03/07/06

Date Analyzed: 03/14/06 14:49

Instrument/Analyst: ECD5/YZ

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: 4.00

Silica Gel: No

pH: 7.2

Percent Moisture: 48.2%

| CAS Number        | Analyte             | RL        | Result    |
|-------------------|---------------------|-----------|-----------|
| 12674-11-2        | Aroclor 1016        | 16        | < 16 U    |
| 53469-21-9        | Aroclor 1242        | 16        | < 16 U    |
| <b>12672-29-6</b> | <b>Aroclor 1248</b> | <b>16</b> | <b>41</b> |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>16</b> | <b>44</b> |
| <b>11096-82-5</b> | <b>Aroclor 1260</b> | <b>16</b> | <b>24</b> |
| 11104-28-2        | Aroclor 1221        | 16        | < 16 U    |
| 11141-16-5        | Aroclor 1232        | 16        | < 16 U    |

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

**PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 59.4% |
| Tetrachlorometaxylene | 54.4% |

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SC54-2-4

SAMPLE

Lab Sample ID: JC32S

LIMS ID: 06-3699

Matrix: Sediment

Data Release Authorized: *AS*

Reported: 03/17/06

QC Report No: JC32-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/23/06

Date Received: 02/23/06

Date Extracted: 03/07/06

Date Analyzed: 03/14/06 15:07

Instrument/Analyst: ECD5/YZ

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.1 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 4.00

Silica Gel: No

pH: 7.6

Percent Moisture: 47.7%

| 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 | 33     |
| 11097-69-1 | Aroclor 1254 | 16 | 50     |
| 11096-82-5 | Aroclor 1260 | 16 | 28     |
| 11104-28-2 | Aroclor 1221 | 16 | < 16 U |
| 11141-16-5 | Aroclor 1232 | 16 | < 16 U |

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

PCB Surrogate Recovery

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 82.1% |
| Tetrachlorometaxylene | 61.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC55-0-1  
SAMPLE

Lab Sample ID: JA36A

LIMS ID: 06-1912

Matrix: Sediment

Data Release Authorized: *AS*

Reported: 02/23/06

QC Report No: JA36-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chemistry

05-08-06-32

Date Sampled: 02/06/06

Date Received: 02/06/06

Date Extracted: 02/16/06

Date Analyzed: 02/21/06 07:38

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.6

Percent Moisture: 37.4%

| 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 | < 4.0 U |
| 11097-69-1 | Aroclor 1254 | 4.0 | 5.7     |
| 11096-82-5 | Aroclor 1260 | 4.0 | 7.8     |
| 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    | 84.8% |
| Tetrachlorometaxylene | 53.8% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC55-1-2  
SAMPLE

Lab Sample ID: JA36B  
LIMS ID: 06-1913  
Matrix: Sediment  
Data Release Authorized: *AS*  
Reported: 02/23/06

QC Report No: JA36-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chemistry  
05-08-06-32  
Date Sampled: 02/06/06  
Date Received: 02/06/06

Date Extracted: 02/16/06  
Date Analyzed: 02/21/06 07:56  
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: 25.5%

| 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 | < 3.9 U |
| 11096-82-5 | Aroclor 1260 | 3.9 | < 3.9 U |
| 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    | 63.8% |
| Tetrachlorometaxylene | 56.8% |



ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: LDW-SC55-2-3

SAMPLE

Lab Sample ID: JA36C

LIMS ID: 06-1914

Matrix: Sediment

Data Release Authorized:

Reported: 02/23/06

QC Report No: JA36-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chemistry

05-08-06-32

Date Sampled: 02/06/06

Date Received: 02/06/06

Date Extracted: 02/16/06

Date Analyzed: 02/21/06 08:15

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.2

Percent Moisture: 21.8%

| 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 | < 4.0 U |
| 11097-69-1 | Aroclor 1254 | 4.0 | < 4.0 U |
| 11096-82-5 | Aroclor 1260 | 4.0 | < 4.0 U |
| 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    | 62.2% |
| Tetrachlorometaxylene | 54.5% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1


Sample ID: LDW-SC56-0-2

SAMPLE

Lab Sample ID: JB90A

LIMS ID: 06-3301

Matrix: Sediment

Data Release Authorized: 

Reported: 03/06/06

QC Report No: JB90-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/07/06

Date Received: 02/07/06

Date Extracted: 02/21/06

Date Analyzed: 02/27/06 22:47

Instrument/Analyst: ECD5/AAR

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 4.08 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 6.9

Percent Moisture: 18.4%

| 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    |
| <b>11097-69-1</b> | <b>Aroclor 1254</b> | <b>120</b> | <b>330</b> |
| 11096-82-5        | Aroclor 1260        | 120        | < 120 U    |
| 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    | 88.5% |
| Tetrachlorometaxylene | 81.0% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC56-2-4

**SAMPLE**

Lab Sample ID: JB90B

LIMS ID: 06-3302

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 03/06/06

QC Report No: JB90-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/07/06

Date Received: 02/07/06

Date Extracted: 02/21/06

Date Analyzed: 02/27/06 13:01

Instrument/Analyst: ECD5/AAR

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: 6.5

Percent Moisture: 25.3%

| 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 | < 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 | 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    | 79.5% |
| Tetrachlorometaxylene | 62.0% |

**ORGANICS ANALYSIS DATA SHEET**

**PSDDA PCB by GC/ECD**

Page 1 of 1

Sample ID: LDW-SC-RB1

SAMPLE

Lab Sample ID: JA90A

LIMS ID: 06-2355

Matrix: Water

Data Release Authorized:

Reported: 02/15/06

QC Report No: JA90-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/08/06

Date Received: 02/08/06

Date Extracted: 02/10/06

Date Analyzed: 02/14/06 00:50

Instrument/Analyst: ECD2/AAR

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    | 49.0% |
| Tetrachlorometaxylene | 81.2% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC-RB2

SAMPLE

Lab Sample ID: JB46L

LIMS ID: 06-2927

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 03/10/06

QC Report No: JB46-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/14/06

Date Received: 02/14/06

Date Extracted: 02/21/06

Date Analyzed: 02/28/06 18:18

Instrument/Analyst: ECD5/AAR

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    | 62.5% |
| Tetrachlorometaxylene | 77.8% |

**ORGANICS ANALYSIS DATA SHEET**

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LDW-SC-RB3

SAMPLE

Lab Sample ID: JC21A

LIMS ID: 06-3573

Matrix: Water

Data Release Authorized: *MW*

Reported: 03/08/06

QC Report No: JC21-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/22/06

Date Received: 02/22/06

Date Extracted: 03/02/06

Date Analyzed: 03/07/06 16:20

Instrument/Analyst: ECD5/AAR

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    | 47.5% |
| Tetrachlorometaxylene | 72.0% |

## **E-6 Organochlorine Pesticides**

---

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA Pesticides/PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC2-0-2  
**SAMPLE**

Lab Sample ID: JE74A  
 LIMS ID: 06-5168  
 Matrix: Sediment  
 Data Release Authorized: *[Signature]*  
 Reported: 04/05/06

QC Report No: JE74-Windward Environmental, LLC  
 Project: LDW SUBSURFACE SEDIMENTS  
 05-08-06-32  
 Date Sampled: 02/09/06  
 Date Received: 02/09/06

Date Extracted: 03/29/06  
 Date Analyzed: 04/03/06 18:40  
 Instrument/Analyst: ECD4/YZ  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Florisil Cleanup: No  
 Acid Cleanup: No

Sample Amount: 3.34 g-dry-wt  
 Final Extract Volume: 5.0 mL  
 Dilution Factor: 1.00  
 Silica Gel: Yes  
 pH: 7.9  
 Percent Moisture: 33.4%

| CAS Number | Analyte             | RL  | Result  |
|------------|---------------------|-----|---------|
| 319-84-6   | alpha-BHC           | 7.5 | < 7.5 U |
| 319-85-7   | beta-BHC            | 7.5 | < 7.5 U |
| 319-86-8   | delta-BHC           | 7.5 | < 7.5 U |
| 58-89-9    | gamma-BHC (Lindane) | 7.5 | < 7.5 U |
| 76-44-8    | Heptachlor          | 7.5 | < 7.5 U |
| 309-00-2   | Aldrin              | 7.5 | < 7.5 U |
| 1024-57-3  | Heptachlor Epoxide  | 54  | < 54 Y  |
| 959-98-8   | Endosulfan I        | 7.5 | < 7.5 U |
| 60-57-1    | Dieldrin            | 15  | < 15 U  |
| 72-55-9    | 4,4'-DDE            | 88  | < 88 Y  |
| 72-20-8    | Endrin              | 140 | < 140 Y |
| 33213-65-9 | Endosulfan II       | 15  | < 15 U  |
| 72-54-8    | 4,4'-DDD            | 15  | < 15 U  |
| 1031-07-8  | Endosulfan Sulfate  | 24  | < 24 Y  |
| 50-29-3    | 4,4'-DDT            | 130 | < 130 Y |
| 72-43-5    | Methoxychlor        | 75  | < 75 U  |
| 53494-70-5 | Endrin Ketone       | 15  | < 15 U  |
| 7421-93-4  | Endrin Aldehyde     | 15  | < 15 U  |
| 5103-74-2  | gamma Chlordane     | 36  | < 36 Y  |
| 5103-71-9  | alpha Chlordane     | 7.5 | < 7.5 U |
| 8001-35-2  | Toxaphene           | 750 | < 750 U |
| 118-74-1   | Hexachlorobenzene   | 7.5 | < 7.5 U |
| 87-68-3    | Hexachlorobutadiene | 7.5 | < 7.5 U |
| 789-02-6   | 2,4'-DDT            | 15  | < 15 U  |
| 3424-82-6  | 2,4'-DDE            | 67  | < 67 Y  |
| 53-19-0    | 2,4'-DDD            | 15  | < 15 U  |
| 27304-13-8 | oxy Chlordane       | 51  | < 51 Y  |
| 5103-73-1  | cis-Nonachlor       | 15  | < 15 U  |
| 39765-80-5 | trans-Nonachlor     | 15  | < 15 U  |
| 2385-85-5  | Mirex               | 15  | < 15 U  |

Reported in µg/kg (ppb)


**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 98.0% |
| Tetrachlorometaxylene | 76.2% |



ORGANICS ANALYSIS DATA SHEET  
PSDDA Pesticides/PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC2-2-4  
SAMPLE

Lab Sample ID: JE74B  
LIMS ID: 06-5169  
Matrix: Sediment  
Data Release Authorized:   
Reported: 04/05/06

QC Report No: JE74-Windward Environmental, LLC  
Project: LDW SUBSURFACE SEDIMENTS  
05-08-06-32  
Date Sampled: 02/09/06  
Date Received: 02/09/06

Date Extracted: 03/29/06  
Date Analyzed: 04/03/06 19:56  
Instrument/Analyst: ECD4/YZ  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Florisil Cleanup: No  
Acid Cleanup: No

Sample Amount: 1.72 g-dry-wt  
Final Extract Volume: 5.0 mL  
Dilution Factor: 1.00  
Silica Gel: Yes  
pH: 9.0  
Percent Moisture: 31.1%

| CAS Number | Analyte             | RL    | Result    |
|------------|---------------------|-------|-----------|
| 319-84-6   | alpha-BHC           | 14    | < 14 U    |
| 319-85-7   | beta-BHC            | 14    | < 14 U    |
| 319-86-8   | delta-BHC           | 14    | < 14 U    |
| 58-89-9    | gamma-BHC (Lindane) | 14    | < 14 U    |
| 76-44-8    | Heptachlor          | 14    | < 14 U    |
| 309-00-2   | Aldrin              | 14    | < 14 U    |
| 1024-57-3  | Heptachlor Epoxide  | 110   | < 110 Y   |
| 959-98-8   | Endosulfan I        | 14    | < 14 U    |
| 60-57-1    | Dieldrin            | 29    | < 29 U    |
| 72-55-9    | 4,4'-DDE            | 73    | < 73 Y    |
| 72-20-8    | Endrin              | 29    | < 29 U    |
| 33213-65-9 | Endosulfan II       | 29    | < 29 U    |
| 72-54-8    | 4,4'-DDD            | 29    | < 29 U    |
| 1031-07-8  | Endosulfan Sulfate  | 29    | < 29 U    |
| 50-29-3    | 4,4'-DDT            | 140   | < 140 Y   |
| 72-43-5    | Methoxychlor        | 140   | < 140 U   |
| 53494-70-5 | Endrin Ketone       | 29    | < 29 U    |
| 7421-93-4  | Endrin Aldehyde     | 29    | < 29 U    |
| 5103-74-2  | gamma Chlordane     | 80    | < 80 Y    |
| 5103-71-9  | alpha Chlordane     | 14    | < 14 U    |
| 8001-35-2  | Toxaphene           | 1,400 | < 1,400 U |
| 118-74-1   | Hexachlorobenzene   | 14    | < 14 U    |
| 87-68-3    | Hexachlorobutadiene | 14    | < 14 U    |
| 789-02-6   | 2,4'-DDT            | 29    | < 29 U    |
| 3424-82-6  | 2,4'-DDE            | 29    | < 29 U    |
| 53-19-0    | 2,4'-DDD            | 29    | < 29 U    |
| 27304-13-8 | oxy Chlordane       | 29    | < 29 U    |
| 5103-73-1  | cis-Nonachlor       | 29    | < 29 U    |
| 39765-80-5 | trans-Nonachlor     | 29    | < 29 U    |
| 2385-85-5  | Mirex               | 29    | < 29 U    |

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

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 89.5% |
| Tetrachlorometaxylene | 73.0% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA Pesticides/PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC7-0-1  
**SAMPLE**

Lab Sample ID: JB20AB  
 LIMS ID: 06-2600  
 Matrix: Sediment  
 Data Release Authorized:  
 Reported: 02/24/06

QC Report No: JB20-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/10/06  
 Date Received: 02/10/06

Date Extracted: 02/16/06  
 Date Analyzed: 02/23/06 03:00  
 Instrument/Analyst: ECD4/YZ  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Florisil Cleanup: No  
 Acid Cleanup: No

Sample Amount: 7.72 g-dry-wt  
 Final Extract Volume: 5.0 mL  
 Dilution Factor: 1.00  
 Silica Gel: Yes  
 pH: 7.5  
 Percent Moisture: 38.2%

| CAS Number | Analyte             | RL  | Result  |
|------------|---------------------|-----|---------|
| 319-84-6   | alpha-BHC           | 3.2 | < 3.2 U |
| 319-85-7   | beta-BHC            | 3.2 | < 3.2 U |
| 319-86-8   | delta-BHC           | 3.2 | < 3.2 U |
| 58-89-9    | gamma-BHC (Lindane) | 3.2 | < 3.2 U |
| 76-44-8    | Heptachlor          | 3.2 | < 3.2 U |
| 309-00-2   | Aldrin              | 3.2 | < 3.2 U |
| 1024-57-3  | Heptachlor Epoxide  | 3.2 | < 3.2 U |
| 959-98-8   | Endosulfan I        | 3.2 | < 3.2 U |
| 60-57-1    | Dieldrin            | 6.5 | < 6.5 U |
| 72-55-9    | 4,4'-DDE            | 12  | < 12 Y  |
| 72-20-8    | Endrin              | 6.5 | < 6.5 U |
| 33213-65-9 | Endosulfan II       | 6.5 | < 6.5 U |
| 72-54-8    | 4,4'-DDD            | 6.5 | < 6.5 U |
| 1031-07-8  | Endosulfan Sulfate  | 10  | < 10 Y  |
| 50-29-3    | 4,4'-DDT            | 38  | < 38 Y  |
| 72-43-5    | Methoxychlor        | 32  | < 32 U  |
| 53494-70-5 | Endrin Ketone       | 6.5 | < 6.5 U |
| 7421-93-4  | Endrin Aldehyde     | 6.5 | < 6.5 U |
| 5103-74-2  | gamma Chlordane     | 14  | < 14 Y  |
| 5103-71-9  | alpha Chlordane     | 3.2 | < 3.2 U |
| 8001-35-2  | Toxaphene           | 320 | < 320 U |
| 118-74-1   | Hexachlorobenzene   | 3.2 | < 3.2 U |
| 87-68-3    | Hexachlorobutadiene | 3.2 | < 3.2 U |
| 789-02-6   | 2,4'-DDT            | 6.5 | < 6.5 U |
| 3424-82-6  | 2,4'-DDE            | 6.5 | < 6.5 U |
| 53-19-0    | 2,4'-DDD            | 6.5 | < 6.5 U |
| 27304-13-8 | oxy Chlordane       | 6.5 | < 6.5 U |
| 5103-73-1  | cis-Nonachlor       | 6.5 | < 6.5 U |
| 39765-80-5 | trans-Nonachlor     | 6.5 | < 6.5 U |
| 2385-85-5  | Mirex               | 6.5 | < 6.5 U |

Reported in µg/kg (ppb)

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 105%  |
| Tetrachlorometaxylene | 65.5% |

Lab Sample ID: JB20AC  
 LIMS ID: 06-2601  
 Matrix: Sediment  
 Data Release Authorized: *AS*  
 Reported: 02/24/06

QC Report No: JB20-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/10/06  
 Date Received: 02/10/06

Date Extracted: 02/16/06  
 Date Analyzed: 02/23/06 03:25  
 Instrument/Analyst: ECD4/YZ  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Florisil Cleanup: No  
 Acid Cleanup: No

Sample Amount: 3.80 g-dry-wt  
 Final Extract Volume: 5.0 mL  
 Dilution Factor: 1.00  
 Silica Gel: Yes  
 pH: 7.9  
 Percent Moisture: 24.1%

| CAS Number | Analyte             | RL  | Result  |
|------------|---------------------|-----|---------|
| 319-84-6   | alpha-BHC           | 6.6 | < 6.6 U |
| 319-85-7   | beta-BHC            | 24  | < 24 Y  |
| 319-86-8   | delta-BHC           | 6.6 | < 6.6 U |
| 58-89-9    | gamma-BHC (Lindane) | 6.6 | < 6.6 U |
| 76-44-8    | Heptachlor          | 6.6 | < 6.6 U |
| 309-00-2   | Aldrin              | 6.6 | < 6.6 U |
| 1024-57-3  | Heptachlor Epoxide  | 6.6 | < 6.6 U |
| 959-98-8   | Endosulfan I        | 6.6 | < 6.6 U |
| 60-57-1    | Dieldrin            | 13  | < 13 U  |
| 72-55-9    | 4,4'-DDE            | 13  | < 13 U  |
| 72-20-8    | Endrin              | 13  | < 13 U  |
| 33213-65-9 | Endosulfan II       | 13  | < 13 U  |
| 72-54-8    | 4,4'-DDD            | 13  | < 13 U  |
| 1031-07-8  | Endosulfan Sulfate  | 13  | < 13 U  |
| 50-29-3    | 4,4'-DDT            | 23  | < 23 Y  |
| 72-43-5    | Methoxychlor        | 66  | < 66 U  |
| 53494-70-5 | Endrin Ketone       | 13  | < 13 U  |
| 7421-93-4  | Endrin Aldehyde     | 13  | < 13 U  |
| 5103-74-2  | gamma Chlordane     | 21  | < 21 Y  |
| 5103-71-9  | alpha Chlordane     | 6.6 | < 6.6 U |
| 8001-35-2  | Toxaphene           | 660 | < 660 U |
| 118-74-1   | Hexachlorobenzene   | 6.6 | < 6.6 U |
| 87-68-3    | Hexachlorobutadiene | 6.6 | < 6.6 U |
| 789-02-6   | 2,4'-DDT            | 13  | < 13 U  |
| 3424-82-6  | 2,4'-DDE            | 13  | < 13 U  |
| 53-19-0    | 2,4'-DDD            | 13  | < 13 U  |
| 27304-13-8 | oxy Chlordane       | 13  | < 13 U  |
| 5103-73-1  | cis-Nonachlor       | 13  | < 13 U  |
| 39765-80-5 | trans-Nonachlor     | 13  | < 13 U  |
| 2385-85-5  | Mirex               | 13  | < 13 U  |


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

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 66.0% |
| Tetrachlorometaxylene | 73.0% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA Pesticides/PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC7-1.7-4  
SAMPLE

Lab Sample ID: JB20AD  
LIMS ID: 06-2602  
Matrix: Sediment  
Data Release Authorized:   
Reported: 02/24/06

QC Report No: JB20-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/10/06  
Date Received: 02/10/06

Date Extracted: 02/16/06  
Date Analyzed: 02/23/06 03:49  
Instrument/Analyst: ECD4/YZ  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Florisil Cleanup: No  
Acid Cleanup: No

Sample Amount: 25.4 g-dry-wt  
Final Extract Volume: 5.0 mL  
Dilution Factor: 1.00  
Silica Gel: Yes  
pH: 7.1  
Percent Moisture: 18.2%

| CAS Number | Analyte             | RL   | Result   |
|------------|---------------------|------|----------|
| 319-84-6   | alpha-BHC           | 0.99 | < 0.98 U |
| 319-85-7   | beta-BHC            | 0.99 | < 0.98 U |
| 319-86-8   | delta-BHC           | 0.99 | < 0.98 U |
| 58-89-9    | gamma-BHC (Lindane) | 0.99 | < 0.98 U |
| 76-44-8    | Heptachlor          | 0.99 | < 0.98 U |
| 309-00-2   | Aldrin              | 0.99 | < 0.98 U |
| 1024-57-3  | Heptachlor Epoxide  | 0.99 | < 0.98 U |
| 959-98-8   | Endosulfan I        | 0.99 | < 0.98 U |
| 60-57-1    | Dieldrin            | 2.0  | < 2.0 U  |
| 72-55-9    | 4,4'-DDE            | 2.0  | < 2.0 U  |
| 72-20-8    | Endrin              | 2.0  | < 2.0 U  |
| 33213-65-9 | Endosulfan II       | 2.0  | < 2.0 U  |
| 72-54-8    | 4,4'-DDD            | 2.0  | < 2.0 U  |
| 1031-07-8  | Endosulfan Sulfate  | 2.0  | < 2.0 U  |
| 50-29-3    | 4,4'-DDT            | 2.0  | < 2.0 U  |
| 72-43-5    | Methoxychlor        | 9.9  | < 9.8 U  |
| 53494-70-5 | Endrin Ketone       | 2.0  | < 2.0 U  |
| 7421-93-4  | Endrin Aldehyde     | 2.0  | < 2.0 U  |
| 5103-74-2  | gamma Chlordane     | 0.99 | < 0.98 U |
| 5103-71-9  | alpha Chlordane     | 0.99 | < 0.98 U |
| 8001-35-2  | Toxaphene           | 99   | < 98 U   |
| 118-74-1   | Hexachlorobenzene   | 0.99 | < 0.98 U |
| 87-68-3    | Hexachlorobutadiene | 0.99 | < 0.98 U |
| 789-02-6   | 2,4'-DDT            | 2.0  | < 2.0 U  |
| 3424-82-6  | 2,4'-DDE            | 2.0  | < 2.0 U  |
| 53-19-0    | 2,4'-DDD            | 2.0  | < 2.0 U  |
| 27304-13-8 | oxy Chlordane       | 2.0  | < 2.0 U  |
| 5103-73-1  | cis-Nonachlor       | 2.0  | < 2.0 U  |
| 39765-80-5 | trans-Nonachlor     | 2.0  | < 2.0 U  |
| 2385-85-5  | Mirex               | 2.0  | < 2.0 U  |

Reported in µg/kg (ppb)

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 88.5% |
| Tetrachlorometaxylene | 73.8% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA Pesticides/PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC8-0-1  
SAMPLE

Lab Sample ID: JB20V  
LIMS ID: 06-2594  
Matrix: Sediment  
Data Release Authorized: *[Signature]*  
Reported: 02/24/06

QC Report No: JB20-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/10/06  
Date Received: 02/10/06

Date Extracted: 02/16/06  
Date Analyzed: 02/23/06 01:47  
Instrument/Analyst: ECD4/YZ  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Florisil Cleanup: No  
Acid Cleanup: No

Sample Amount: 25.5 g-dry-wt  
Final Extract Volume: 5.0 mL  
Dilution Factor: 1.00  
Silica Gel: Yes  
pH: 8.0  
Percent Moisture: 39.2%

| CAS Number | Analyte             | RL   | Result   |
|------------|---------------------|------|----------|
| 319-84-6   | alpha-BHC           | 0.98 | < 0.98 U |
| 319-85-7   | beta-BHC            | 0.98 | < 0.98 U |
| 319-86-8   | delta-BHC           | 0.98 | < 0.98 U |
| 58-89-9    | gamma-BHC (Lindane) | 0.98 | < 0.98 U |
| 76-44-8    | Heptachlor          | 0.98 | < 0.98 U |
| 309-00-2   | Aldrin              | 0.98 | < 0.98 U |
| 1024-57-3  | Heptachlor Epoxide  | 0.98 | < 0.98 U |
| 959-98-8   | Endosulfan I        | 0.98 | < 0.98 U |
| 60-57-1    | Dieldrin            | 2.0  | < 2.0 U  |
| 72-55-9    | 4,4'-DDE            | 2.0  | < 2.0 U  |
| 72-20-8    | Endrin              | 2.0  | < 2.0 U  |
| 33213-65-9 | Endosulfan II       | 2.0  | < 2.0 U  |
| 72-54-8    | 4,4'-DDD            | 2.0  | < 2.0 U  |
| 1031-07-8  | Endosulfan Sulfate  | 3.7  | < 3.7 Y  |
| 50-29-3    | 4,4'-DDT            | 2.0  | < 2.0 U  |
| 72-43-5    | Methoxychlor        | 9.8  | < 9.8 U  |
| 53494-70-5 | Endrin Ketone       | 2.0  | < 2.0 U  |
| 7421-93-4  | Endrin Aldehyde     | 2.0  | < 2.0 U  |
| 5103-74-2  | gamma Chlordane     | 1.7  | < 1.7 Y  |
| 5103-71-9  | alpha Chlordane     | 0.98 | < 0.98 U |
| 8001-35-2  | Toxaphene           | 98   | < 98 U   |
| 118-74-1   | Hexachlorobenzene   | 0.98 | < 0.98 U |
| 87-68-3    | Hexachlorobutadiene | 0.98 | < 0.98 U |
| 789-02-6   | 2,4'-DDT            | 2.0  | < 2.0 U  |
| 3424-82-6  | 2,4'-DDE            | 5.4  | < 5.4 Y  |
| 53-19-0    | 2,4'-DDD            | 2.0  | < 2.0 U  |
| 27304-13-8 | oxy Chlordane       | 2.0  | < 2.0 U  |
| 5103-73-1  | cis-Nonachlor       | 2.0  | < 2.0 U  |
| 39765-80-5 | trans-Nonachlor     | 2.0  | < 2.0 U  |
| 2385-85-5  | Mirex               | 2.0  | < 2.0 U  |

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

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 92.0% |
| Tetrachlorometaxylene | 53.0% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA Pesticides/PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC8-1-2  
**SAMPLE**

Lab Sample ID: JB20W  
 LIMS ID: 06-2595  
 Matrix: Sediment  
 Data Release Authorized: *[Signature]*  
 Reported: 02/24/06

QC Report No: JB20-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/10/06  
 Date Received: 02/10/06

Date Extracted: 02/16/06  
 Date Analyzed: 02/23/06 02:12  
 Instrument/Analyst: ECD4/YZ  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Florisil Cleanup: No  
 Acid Cleanup: No

Sample Amount: 25.4 g-dry-wt  
 Final Extract Volume: 5.0 mL  
 Dilution Factor: 5.00  
 Silica Gel: Yes  
 pH: 8.0  
 Percent Moisture: 39.5%

| CAS Number | Analyte             | RL  | Result  |
|------------|---------------------|-----|---------|
| 319-84-6   | alpha-BHC           | 4.9 | < 4.9 U |
| 319-85-7   | beta-BHC            | 4.9 | < 4.9 U |
| 319-86-8   | delta-BHC           | 4.9 | < 4.9 U |
| 58-89-9    | gamma-BHC (Lindane) | 4.9 | < 4.9 U |
| 76-44-8    | Heptachlor          | 4.9 | < 4.9 U |
| 309-00-2   | Aldrin              | 4.9 | < 4.9 U |
| 1024-57-3  | Heptachlor Epoxide  | 4.9 | < 4.9 U |
| 959-98-8   | Endosulfan I        | 4.9 | < 4.9 U |
| 60-57-1    | Dieldrin            | 9.8 | < 9.8 U |
| 72-55-9    | 4,4'-DDE            | 9.8 | < 9.8 U |
| 72-20-8    | Endrin              | 9.8 | < 9.8 U |
| 33213-65-9 | Endosulfan II       | 9.8 | < 9.8 U |
| 72-54-8    | 4,4'-DDD            | 9.8 | < 9.8 U |
| 1031-07-8  | Endosulfan Sulfate  | 9.8 | < 9.8 U |
| 50-29-3    | 4,4'-DDT            | 44  | < 44 Y  |
| 72-43-5    | Methoxychlor        | 49  | < 49 U  |
| 53494-70-5 | Endrin Ketone       | 9.8 | < 9.8 U |
| 7421-93-4  | Endrin Aldehyde     | 9.8 | < 9.8 U |
| 5103-74-2  | gamma Chlordane     | 21  | < 21 Y  |
| 5103-71-9  | alpha Chlordane     | 4.9 | < 4.9 U |
| 8001-35-2  | Toxaphene           | 490 | < 490 U |
| 118-74-1   | Hexachlorobenzene   | 4.9 | < 4.9 U |
| 87-68-3    | Hexachlorobutadiene | 4.9 | < 4.9 U |
| 789-02-6   | 2,4'-DDT            | 9.8 | < 9.8 U |
| 3424-82-6  | 2,4'-DDE            | 9.8 | < 9.8 U |
| 53-19-0    | 2,4'-DDD            | 9.8 | < 9.8 U |
| 27304-13-8 | oxy Chlordane       | 9.8 | < 9.8 U |
| 5103-73-1  | cis-Nonachlor       | 9.8 | < 9.8 U |
| 39765-80-5 | trans-Nonachlor     | 9.8 | < 9.8 U |
| 2385-85-5  | Mirex               | 9.8 | < 9.8 U |

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

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 66.2% |
| Tetrachlorometaxylene | 92.0% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA Pesticides/PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC8-2-4  
**SAMPLE**

Lab Sample ID: JB20X  
 LIMS ID: 06-2596  
 Matrix: Sediment  
 Data Release Authorized: *[Signature]*  
 Reported: 02/24/06

QC Report No: JB20-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/10/06  
 Date Received: 02/10/06

Date Extracted: 02/16/06  
 Date Analyzed: 02/23/06 02:36  
 Instrument/Analyst: ECD4/YZ  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Florisil Cleanup: No  
 Acid Cleanup: No

Sample Amount: 3.34 g-dry-wt  
 Final Extract Volume: 5.0 mL  
 Dilution Factor: 1.00  
 Silica Gel: Yes  
 pH: 7.4  
 Percent Moisture: 33.5%

| CAS Number | Analyte             | RL  | Result  |
|------------|---------------------|-----|---------|
| 319-84-6   | alpha-BHC           | 7.5 | < 7.5 U |
| 319-85-7   | beta-BHC            | 7.5 | < 7.5 U |
| 319-86-8   | delta-BHC           | 7.5 | < 7.5 U |
| 58-89-9    | gamma-BHC (Lindane) | 7.5 | < 7.5 U |
| 76-44-8    | Heptachlor          | 7.5 | < 7.5 U |
| 309-00-2   | Aldrin              | 7.5 | < 7.5 U |
| 1024-57-3  | Heptachlor Epoxide  | 7.5 | < 7.5 U |
| 959-98-8   | Endosulfan I        | 7.5 | < 7.5 U |
| 60-57-1    | Dieldrin            | 15  | < 15 U  |
| 72-55-9    | 4,4'-DDE            | 54  | < 54 Y  |
| 72-20-8    | Endrin              | 15  | < 15 U  |
| 33213-65-9 | Endosulfan II       | 15  | < 15 U  |
| 72-54-8    | 4,4'-DDD            | 15  | < 15 U  |
| 1031-07-8  | Endosulfan Sulfate  | 32  | < 32 Y  |
| 50-29-3    | 4,4'-DDT            | 15  | < 15 U  |
| 72-43-5    | Methoxychlor        | 75  | < 75 U  |
| 53494-70-5 | Endrin Ketone       | 15  | < 15 U  |
| 7421-93-4  | Endrin Aldehyde     | 15  | < 15 U  |
| 5103-74-2  | gamma Chlordane     | 43  | < 43 Y  |
| 5103-71-9  | alpha Chlordane     | 7.5 | < 7.5 U |
| 8001-35-2  | Toxaphene           | 750 | < 750 U |
| 118-74-1   | Hexachlorobenzene   | 7.5 | < 7.5 U |
| 87-68-3    | Hexachlorobutadiene | 7.5 | < 7.5 U |
| 789-02-6   | 2,4'-DDT            | 15  | < 15 U  |
| 3424-82-6  | 2,4'-DDE            | 81  | < 81 Y  |
| 53-19-0    | 2,4'-DDD            | 15  | < 15 U  |
| 27304-13-8 | oxy Chlordane       | 15  | < 15 U  |
| 5103-73-1  | cis-Nonachlor       | 15  | < 15 U  |
| 39765-80-5 | trans-Nonachlor     | 15  | < 15 U  |
| 2385-85-5  | Mirex               | 15  | < 15 U  |

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

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 81.8% |
| Tetrachlorometaxylene | 61.5% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA Pesticides/PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC10-0-1  
**SAMPLE**

Lab Sample ID: JB20AH  
 LIMS ID: 06-2606  
 Matrix: Sediment  
 Data Release Authorized: *AB*  
 Reported: 02/24/06

QC Report No: JB20-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/10/06  
 Date Received: 02/10/06

Date Extracted: 02/16/06  
 Date Analyzed: 02/23/06 04:13  
 Instrument/Analyst: ECD4/YZ  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Florisil Cleanup: No  
 Acid Cleanup: No

Sample Amount: 25.1 g-dry-wt  
 Final Extract Volume: 5.0 mL  
 Dilution Factor: 1.00  
 Silica Gel: Yes  
 pH: 7.4  
 Percent Moisture: 26.3%

| CAS Number | Analyte             | RL  | Result  |
|------------|---------------------|-----|---------|
| 319-84-6   | alpha-BHC           | 1.0 | < 1.0 U |
| 319-85-7   | beta-BHC            | 2.6 | < 2.6 Y |
| 319-86-8   | delta-BHC           | 1.5 | < 1.5 Y |
| 58-89-9    | gamma-BHC (Lindane) | 1.0 | < 1.0 U |
| 76-44-8    | Heptachlor          | 1.0 | < 1.0 U |
| 309-00-2   | Aldrin              | 1.0 | < 1.0 U |
| 1024-57-3  | Heptachlor Epoxide  | 1.0 | < 1.0 U |
| 959-98-8   | Endosulfan I        | 1.0 | < 1.0 U |
| 60-57-1    | Dieldrin            | 2.0 | < 2.0 U |
| 72-55-9    | 4,4'-DDE            | 2.0 | < 2.0 U |
| 72-20-8    | Endrin              | 2.0 | < 2.0 U |
| 33213-65-9 | Endosulfan II       | 2.0 | < 2.0 U |
| 72-54-8    | 4,4'-DDD            | 2.0 | < 2.0 U |
| 1031-07-8  | Endosulfan Sulfate  | 3.0 | < 3.0 Y |
| 50-29-3    | 4,4'-DDT            | 11  | < 11 Y  |
| 72-43-5    | Methoxychlor        | 10  | < 10 U  |
| 53494-70-5 | Endrin Ketone       | 2.0 | < 2.0 U |
| 7421-93-4  | Endrin Aldehyde     | 2.0 | < 2.0 U |
| 5103-74-2  | gamma Chlordane     | 3.9 | < 3.9 Y |
| 5103-71-9  | alpha Chlordane     | 1.0 | < 1.0 U |
| 8001-35-2  | Toxaphene           | 100 | < 100 U |
| 118-74-1   | Hexachlorobenzene   | 1.0 | < 1.0 U |
| 87-68-3    | Hexachlorobutadiene | 1.0 | < 1.0 U |
| 789-02-6   | 2,4'-DDT            | 2.0 | < 2.0 U |
| 3424-82-6  | 2,4'-DDE            | 2.0 | < 2.0 U |
| 53-19-0    | 2,4'-DDD            | 2.0 | < 2.0 U |
| 27304-13-8 | oxy Chlordane       | 2.0 | < 2.0 U |
| 5103-73-1  | cis-Nonachlor       | 2.0 | < 2.0 U |
| 39765-80-5 | trans-Nonachlor     | 2.0 | < 2.0 U |
| 2385-85-5  | Mirex               | 2.0 | < 2.0 U |

Reported in µg/kg (ppb)

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 114%  |
| Tetrachlorometaxylene | 74.0% |



**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA Pesticides/PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC10-1-2  
**SAMPLE**

Lab Sample ID: JB20AI  
 LIMS ID: 06-2607  
 Matrix: Sediment  
 Data Release Authorized:  
 Reported: 02/24/06

QC Report No: JB20-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/10/06  
 Date Received: 02/10/06

Date Extracted: 02/16/06  
 Date Analyzed: 02/23/06 04:38  
 Instrument/Analyst: ECD4/YZ  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Florisil Cleanup: No  
 Acid Cleanup: No

Sample Amount: 25.3 g-dry-wt  
 Final Extract Volume: 5.0 mL  
 Dilution Factor: 2.00  
 Silica Gel: Yes  
 pH: 7.6  
 Percent Moisture: 48.4%

| CAS Number | Analyte             | RL  | Result  |
|------------|---------------------|-----|---------|
| 319-84-6   | alpha-BHC           | 2.0 | < 2.0 U |
| 319-85-7   | beta-BHC            | 2.0 | < 2.0 U |
| 319-86-8   | delta-BHC           | 2.0 | < 2.0 U |
| 58-89-9    | gamma-BHC (Lindane) | 2.0 | < 2.0 U |
| 76-44-8    | Heptachlor          | 2.0 | < 2.0 U |
| 309-00-2   | Aldrin              | 2.0 | < 2.0 U |
| 1024-57-3  | Heptachlor Epoxide  | 2.0 | < 2.0 U |
| 959-98-8   | Endosulfan I        | 2.0 | < 2.0 U |
| 60-57-1    | Dieldrin            | 4.0 | < 4.0 U |
| 72-55-9    | 4,4'-DDE            | 4.0 | < 4.0 U |
| 72-20-8    | Endrin              | 4.0 | < 4.0 U |
| 33213-65-9 | Endosulfan II       | 4.0 | < 4.0 U |
| 72-54-8    | 4,4'-DDD            | 4.0 | < 4.0 U |
| 1031-07-8  | Endosulfan Sulfate  | 4.0 | < 4.0 U |
| 50-29-3    | 4,4'-DDT            | 22  | < 22 Y  |
| 72-43-5    | Methoxychlor        | 20  | < 20 U  |
| 53494-70-5 | Endrin Ketone       | 4.0 | < 4.0 U |
| 7421-93-4  | Endrin Aldehyde     | 4.0 | < 4.0 U |
| 5103-74-2  | gamma Chlordane     | 8.8 | < 8.8 Y |
| 5103-71-9  | alpha Chlordane     | 2.0 | < 2.0 U |
| 8001-35-2  | Toxaphene           | 200 | < 200 U |
| 118-74-1   | Hexachlorobenzene   | 2.0 | < 2.0 U |
| 87-68-3    | Hexachlorobutadiene | 2.0 | < 2.0 U |
| 789-02-6   | 2,4'-DDT            | 4.0 | < 4.0 U |
| 3424-82-6  | 2,4'-DDE            | 4.0 | < 4.0 U |
| 53-19-0    | 2,4'-DDD            | 4.0 | < 4.0 U |
| 27304-13-8 | oxy Chlordane       | 4.0 | < 4.0 U |
| 5103-73-1  | cis-Nonachlor       | 4.0 | < 4.0 U |
| 39765-80-5 | trans-Nonachlor     | 4.0 | < 4.0 U |
| 2385-85-5  | Mirex               | 4.0 | < 4.0 U |


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

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 74.0% |
| Tetrachlorometaxylene | 69.0% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA Pesticides/PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC10-2-4  
SAMPLE

Lab Sample ID: JB20AJ  
LIMS ID: 06-2608  
Matrix: Sediment  
Data Release Authorized:   
Reported: 02/24/06

QC Report No: JB20-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/10/06  
Date Received: 02/10/06

Date Extracted: 02/16/06  
Date Analyzed: 02/23/06 05:02  
Instrument/Analyst: ECD4/YZ  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Florisil Cleanup: No  
Acid Cleanup: No

Sample Amount: 25.4 g-dry-wt  
Final Extract Volume: 5.0 mL  
Dilution Factor: 5.00  
Silica Gel: Yes  
pH: 7.4  
Percent Moisture: 44.8%

| CAS Number | Analyte             | RL  | Result  |
|------------|---------------------|-----|---------|
| 319-84-6   | alpha-BHC           | 4.9 | < 4.9 U |
| 319-85-7   | beta-BHC            | 4.9 | < 4.9 U |
| 319-86-8   | delta-BHC           | 4.9 | < 4.9 U |
| 58-89-9    | gamma-BHC (Lindane) | 4.9 | < 4.9 U |
| 76-44-8    | Heptachlor          | 4.9 | < 4.9 U |
| 309-00-2   | Aldrin              | 4.9 | < 4.9 U |
| 1024-57-3  | Heptachlor Epoxide  | 13  | < 13 Y  |
| 959-98-8   | Endosulfan I        | 4.9 | < 4.9 U |
| 60-57-1    | Dieldrin            | 9.8 | < 9.8 U |
| 72-55-9    | 4,4'-DDE            | 9.8 | < 9.8 U |
| 72-20-8    | Endrin              | 9.8 | < 9.8 U |
| 33213-65-9 | Endosulfan II       | 9.8 | < 9.8 U |
| 72-54-8    | 4,4'-DDD            | 9.8 | < 9.8 U |
| 1031-07-8  | Endosulfan Sulfate  | 9.8 | < 9.8 U |
| 50-29-3    | 4,4'-DDT            | 33  | < 34 Y  |
| 72-43-5    | Methoxychlor        | 49  | < 49 U  |
| 53494-70-5 | Endrin Ketone       | 9.8 | < 9.8 U |
| 7421-93-4  | Endrin Aldehyde     | 9.8 | < 9.8 U |
| 5103-74-2  | gamma Chlordane     | 23  | < 23 Y  |
| 5103-71-9  | alpha Chlordane     | 4.9 | < 4.9 U |
| 8001-35-2  | Toxaphene           | 490 | < 490 U |
| 118-74-1   | Hexachlorobenzene   | 4.9 | < 4.9 U |
| 87-68-3    | Hexachlorobutadiene | 4.9 | < 4.9 U |
| 789-02-6   | 2,4'-DDT            | 9.8 | < 9.8 U |
| 3424-82-6  | 2,4'-DDE            | 9.8 | < 9.8 U |
| 53-19-0    | 2,4'-DDD            | 9.8 | < 9.8 U |
| 27304-13-8 | oxy Chlordane       | 9.8 | < 9.8 U |
| 5103-73-1  | cis-Nonachlor       | 9.8 | < 9.8 U |
| 39765-80-5 | trans-Nonachlor     | 9.8 | < 9.8 U |
| 2385-85-5  | Mirex               | 9.8 | < 9.8 U |

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

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 79.9% |
| Tetrachlorometaxylene | 87.8% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA Pesticides/PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC9-0-1  
**SAMPLE**

Lab Sample ID: JB30S  
 LIMS ID: 06-2820  
 Matrix: Sediment  
 Data Release Authorized: *RB*  
 Reported: 03/02/06

QC Report No: JB30-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/13/06  
 Date Received: 02/14/06

Date Extracted: 02/23/06  
 Date Analyzed: 02/28/06 08:06  
 Instrument/Analyst: ECD4/YZ  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Florisil Cleanup: No  
 Acid Cleanup: No

Sample Amount: 3.43 g-dry-wt  
 Final Extract Volume: 5.0 mL  
 Dilution Factor: 1.00  
 Silica Gel: Yes  
 pH: 7.4  
 Percent Moisture: 31.9%

| CAS Number | Analyte             | RL  | Result  |
|------------|---------------------|-----|---------|
| 319-84-6   | alpha-BHC           | 7.3 | < 7.3 U |
| 319-85-7   | beta-BHC            | 7.3 | < 7.3 U |
| 319-86-8   | delta-BHC           | 7.3 | < 7.3 U |
| 58-89-9    | gamma-BHC (Lindane) | 7.3 | < 7.3 U |
| 76-44-8    | Heptachlor          | 7.3 | < 7.3 U |
| 309-00-2   | Aldrin              | 7.3 | < 7.3 U |
| 1024-57-3  | Heptachlor Epoxide  | 77  | < 77 Y  |
| 959-98-8   | Endosulfan I        | 7.3 | < 7.3 U |
| 60-57-1    | Dieldrin            | 15  | < 15 U  |
| 72-55-9    | 4,4'-DDE            | 15  | < 15 U  |
| 72-20-8    | Endrin              | 110 | < 110 Y |
| 33213-65-9 | Endosulfan II       | 15  | < 15 U  |
| 72-54-8    | 4,4'-DDD            | 15  | < 15 U  |
| 1031-07-8  | Endosulfan Sulfate  | 23  | < 24 Y  |
| 50-29-3    | 4,4'-DDT            | 160 | < 160 Y |
| 72-43-5    | Methoxychlor        | 73  | < 73 U  |
| 53494-70-5 | Endrin Ketone       | 15  | < 15 U  |
| 7421-93-4  | Endrin Aldehyde     | 15  | < 15 U  |
| 5103-74-2  | gamma Chlordane     | 61  | < 61 Y  |
| 5103-71-9  | alpha Chlordane     | 7.3 | < 7.3 U |
| 8001-35-2  | Toxaphene           | 730 | < 730 U |
| 118-74-1   | Hexachlorobenzene   | 7.3 | < 7.3 U |
| 87-68-3    | Hexachlorobutadiene | 7.3 | < 7.3 U |
| 789-02-6   | 2,4'-DDT            | 15  | < 15 U  |
| 3424-82-6  | 2,4'-DDE            | 82  | < 82 Y  |
| 53-19-0    | 2,4'-DDD            | 15  | < 15 U  |
| 27304-13-8 | oxy Chlordane       | 15  | < 15 U  |
| 5103-73-1  | cis-Nonachlor       | 15  | < 15 U  |
| 39765-80-5 | trans-Nonachlor     | 15  | < 15 U  |
| 2385-85-5  | Mirex               | 15  | < 15 U  |

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

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 106%  |
| Tetrachlorometaxylene | 82.0% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA Pesticides/PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC9-1-2.6  
SAMPLE

Lab Sample ID: JB30T  
LIMS ID: 06-2821  
Matrix: Sediment  
Data Release Authorized: *AB*  
Reported: 03/02/06

QC Report No: JB30-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/13/06  
Date Received: 02/14/06

Date Extracted: 02/23/06  
Date Analyzed: 02/28/06 12:19  
Instrument/Analyst: ECD4/YZ  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Florisil Cleanup: No  
Acid Cleanup: No

Sample Amount: 25.3 g-dry-wt  
Final Extract Volume: 5.0 mL  
Dilution Factor: 10.0  
Silica Gel: Yes  
pH: 7.5  
Percent Moisture: 49.5%

| CAS Number | Analyte             | RL  | Result  |
|------------|---------------------|-----|---------|
| 319-84-6   | alpha-BHC           | 9.9 | < 9.9 U |
| 319-85-7   | beta-BHC            | 9.9 | < 9.9 U |
| 319-86-8   | delta-BHC           | 9.9 | < 9.9 U |
| 58-89-9    | gamma-BHC (Lindane) | 9.9 | < 9.9 U |
| 76-44-8    | Heptachlor          | 9.9 | < 9.9 U |
| 309-00-2   | Aldrin              | 9.9 | < 9.9 U |
| 1024-57-3  | Heptachlor Epoxide  | 29  | < 29 Y  |
| 959-98-8   | Endosulfan I        | 9.9 | < 9.9 U |
| 60-57-1    | Dieldrin            | 20  | < 20 U  |
| 72-55-9    | 4,4'-DDE            | 20  | < 20 U  |
| 72-20-8    | Endrin              | 20  | < 20 U  |
| 33213-65-9 | Endosulfan II       | 20  | < 20 U  |
| 72-54-8    | 4,4'-DDD            | 25  | < 25 Y  |
| 1031-07-8  | Endosulfan Sulfate  | 69  | < 69 Y  |
| 50-29-3    | 4,4'-DDT            | 120 | < 120 Y |
| 72-43-5    | Methoxychlor        | 99  | < 99 U  |
| 53494-70-5 | Endrin Ketone       | 20  | < 20 U  |
| 7421-93-4  | Endrin Aldehyde     | 20  | < 20 U  |
| 5103-74-2  | gamma Chlordane     | 9.9 | < 9.9 U |
| 5103-71-9  | alpha Chlordane     | 9.9 | < 9.9 U |
| 8001-35-2  | Toxaphene           | 990 | < 990 U |
| 118-74-1   | Hexachlorobenzene   | 9.9 | < 9.9 U |
| 87-68-3    | Hexachlorobutadiene | 9.9 | < 9.9 U |
| 789-02-6   | 2,4'-DDT            | 20  | < 20 U  |
| 3424-82-6  | 2,4'-DDE            | 20  | < 20 U  |
| 53-19-0    | 2,4'-DDD            | 20  | < 20 U  |
| 27304-13-8 | oxy Chlordane       | 20  | < 20 U  |
| 5103-73-1  | cis-Nonachlor       | 20  | < 20 U  |
| 39765-80-5 | trans-Nonachlor     | 20  | < 20 U  |
| 2385-85-5  | Mirex               | 20  | < 20 U  |

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

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 119%  |
| Tetrachlorometaxylene | 70.2% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA Pesticides/PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC9-2.6-4  
SAMPLE

Lab Sample ID: JB30U  
LIMS ID: 06-2822  
Matrix: Sediment  
Data Release Authorized: *AS*  
Reported: 03/02/06

QC Report No: JB30-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/13/06  
Date Received: 02/14/06

Date Extracted: 02/23/06  
Date Analyzed: 02/28/06 06:04  
Instrument/Analyst: ECD4/YZ  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Florisil Cleanup: No  
Acid Cleanup: No

Sample Amount: 25.5 g-dry-wt  
Final Extract Volume: 5.0 mL  
Dilution Factor: 1.00  
Silica Gel: Yes  
pH: 7.3  
Percent Moisture: 39.3%

| CAS Number | Analyte             | RL   | Result   |
|------------|---------------------|------|----------|
| 319-84-6   | alpha-BHC           | 0.98 | < 0.98 U |
| 319-85-7   | beta-BHC            | 0.98 | < 0.98 U |
| 319-86-8   | delta-BHC           | 2.2  | < 2.2 Y  |
| 58-89-9    | gamma-BHC (Lindane) | 0.98 | < 0.98 U |
| 76-44-8    | Heptachlor          | 0.98 | < 0.98 U |
| 309-00-2   | Aldrin              | 0.98 | < 0.98 U |
| 1024-57-3  | Heptachlor Epoxide  | 0.98 | < 0.98 U |
| 959-98-8   | Endosulfan I        | 0.98 | < 0.98 U |
| 60-57-1    | Dieldrin            | 2.0  | < 2.0 U  |
| 72-55-9    | 4,4'-DDE            | 2.0  | < 2.0 U  |
| 72-20-8    | Endrin              | 2.0  | < 2.0 U  |
| 33213-65-9 | Endosulfan II       | 2.0  | < 2.0 U  |
| 72-54-8    | 4,4'-DDD            | 3.4  | < 3.4 Y  |
| 1031-07-8  | Endosulfan Sulfate  | 2.0  | < 2.0 U  |
| 50-29-3    | 4,4'-DDT            | 32   | < 32 Y   |
| 72-43-5    | Methoxychlor        | 9.8  | < 9.8 U  |
| 53494-70-5 | Endrin Ketone       | 2.0  | < 2.0 U  |
| 7421-93-4  | Endrin Aldehyde     | 2.0  | < 2.0 U  |
| 5103-74-2  | gamma Chlordane     | 3.3  | < 3.2 Y  |
| 5103-71-9  | alpha Chlordane     | 0.98 | < 0.98 U |
| 8001-35-2  | Toxaphene           | 98   | < 98 U   |
| 118-74-1   | Hexachlorobenzene   | 0.98 | < 0.98 U |
| 87-68-3    | Hexachlorobutadiene | 0.98 | < 0.98 U |
| 789-02-6   | 2,4'-DDT            | 2.0  | < 2.0 U  |
| 3424-82-6  | 2,4'-DDE            | 2.0  | < 2.0 U  |
| 53-19-0    | 2,4'-DDD            | 2.0  | < 2.0 U  |
| 27304-13-8 | oxy Chlordane       | 2.0  | < 2.0 U  |
| 5103-73-1  | cis-Nonachlor       | 2.0  | < 2.0 U  |
| 39765-80-5 | trans-Nonachlor     | 2.0  | < 2.0 U  |
| 2385-85-5  | Mirex               | 2.0  | < 2.0 U  |

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

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 77.0% |
| Tetrachlorometaxylene | 85.5% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA Pesticides/PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC14-0-1.4  
SAMPLE

Lab Sample ID: JB31H  
LIMS ID: 06-2832  
Matrix: Sediment  
Data Release Authorized: *MB*  
Reported: 03/02/06

QC Report No: JB31-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/13/06  
Date Received: 02/13/06

Date Extracted: 02/23/06  
Date Analyzed: 02/28/06 08:30  
Instrument/Analyst: ECD4/YZ  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Florisil Cleanup: No  
Acid Cleanup: No

Sample Amount: 2.86 g-dry-wt  
Final Extract Volume: 5.0 mL  
Dilution Factor: 1.00  
Silica Gel: Yes  
pH: 7.6  
Percent Moisture: 43.0%

| CAS Number | Analyte             | RL  | Result  |
|------------|---------------------|-----|---------|
| 319-84-6   | alpha-BHC           | 8.7 | < 8.7 U |
| 319-85-7   | beta-BHC            | 8.7 | < 8.7 U |
| 319-86-8   | delta-BHC           | 8.7 | < 8.7 U |
| 58-89-9    | gamma-BHC (Lindane) | 8.7 | < 8.7 U |
| 76-44-8    | Heptachlor          | 8.7 | < 8.7 U |
| 309-00-2   | Aldrin              | 8.7 | < 8.7 U |
| 1024-57-3  | Heptachlor Epoxide  | 95  | < 94 Y  |
| 959-98-8   | Endosulfan I        | 8.7 | < 8.7 U |
| 60-57-1    | Dieldrin            | 31  | < 31 Y  |
| 72-55-9    | 4,4'-DDE            | 90  | < 90 Y  |
| 72-20-8    | Endrin              | 140 | < 140 Y |
| 33213-65-9 | Endosulfan II       | 17  | < 18 U  |
| 72-54-8    | 4,4'-DDD            | 17  | < 18 U  |
| 1031-07-8  | Endosulfan Sulfate  | 39  | < 39 Y  |
| 50-29-3    | 4,4'-DDT            | 150 | < 150 Y |
| 72-43-5    | Methoxychlor        | 87  | < 87 U  |
| 53494-70-5 | Endrin Ketone       | 17  | < 18 U  |
| 7421-93-4  | Endrin Aldehyde     | 17  | < 18 U  |
| 5103-74-2  | gamma Chlordane     | 75  | < 75 Y  |
| 5103-71-9  | alpha Chlordane     | 8.7 | < 8.7 U |
| 8001-35-2  | Toxaphene           | 870 | < 870 U |
| 118-74-1   | Hexachlorobenzene   | 8.7 | < 8.7 U |
| 87-68-3    | Hexachlorobutadiene | 8.7 | < 8.7 U |
| 789-02-6   | 2,4'-DDT            | 17  | < 18 U  |
| 3424-82-6  | 2,4'-DDE            | 100 | < 100 Y |
| 53-19-0    | 2,4'-DDD            | 17  | < 18 U  |
| 27304-13-8 | oxy Chlordane       | 17  | < 18 U  |
| 5103-73-1  | cis-Nonachlor       | 17  | < 18 U  |
| 39765-80-5 | trans-Nonachlor     | 17  | < 18 U  |
| 2385-85-5  | Mirex               | 17  | < 18 U  |

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

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 105%  |
| Tetrachlorometaxylene | 80.2% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA Pesticides/PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC14-1.4-2  
SAMPLE

Lab Sample ID: JB31I  
LIMS ID: 06-2833  
Matrix: Sediment  
Data Release Authorized: *AS*  
Reported: 03/02/06

QC Report No: JB31-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/13/06  
Date Received: 02/13/06

Date Extracted: 02/23/06  
Date Analyzed: 02/28/06 13:08  
Instrument/Analyst: ECD4/YZ  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Florisisl Cleanup: No  
Acid Cleanup: No

Sample Amount: 13.5 g-dry-wt  
Final Extract Volume: 5.0 mL  
Dilution Factor: 5.00  
Silica Gel: Yes  
pH: 7.4  
Percent Moisture: 46.0%

| CAS Number | Analyte             | RL  | Result  |
|------------|---------------------|-----|---------|
| 319-84-6   | alpha-BHC           | 9.2 | < 9.2 U |
| 319-85-7   | beta-BHC            | 9.2 | < 9.2 U |
| 319-86-8   | delta-BHC           | 9.2 | < 9.2 U |
| 58-89-9    | gamma-BHC (Lindane) | 9.2 | < 9.2 U |
| 76-44-8    | Heptachlor          | 9.2 | < 9.2 U |
| 309-00-2   | Aldrin              | 9.2 | < 9.2 U |
| 1024-57-3  | Heptachlor Epoxide  | 62  | < 62 Y  |
| 959-98-8   | Endosulfan I        | 9.2 | < 9.2 U |
| 60-57-1    | Dieldrin            | 18  | < 18 U  |
| 72-55-9    | 4,4'-DDE            | 50  | < 50 Y  |
| 72-20-8    | Endrin              | 86  | < 86 Y  |
| 33213-65-9 | Endosulfan II       | 18  | < 18 U  |
| 72-54-8    | 4,4'-DDD            | 18  | < 18 U  |
| 1031-07-8  | Endosulfan Sulfate  | 18  | < 18 U  |
| 50-29-3    | 4,4'-DDT            | 100 | < 100 Y |
| 72-43-5    | Methoxychlor        | 92  | < 92 U  |
| 53494-70-5 | Endrin Ketone       | 18  | < 18 U  |
| 7421-93-4  | Endrin Aldehyde     | 18  | < 18 U  |
| 5103-74-2  | gamma Chlordane     | 47  | < 47 Y  |
| 5103-71-9  | alpha Chlordane     | 9.2 | < 9.2 U |
| 8001-35-2  | Toxaphene           | 920 | < 920 U |
| 118-74-1   | Hexachlorobenzene   | 9.2 | < 9.2 U |
| 87-68-3    | Hexachlorobutadiene | 9.2 | < 9.2 U |
| 789-02-6   | 2,4'-DDT            | 18  | < 18 U  |
| 3424-82-6  | 2,4'-DDE            | 18  | < 18 U  |
| 53-19-0    | 2,4'-DDD            | 18  | < 18 U  |
| 27304-13-8 | oxy Chlordane       | 18  | < 18 U  |
| 5103-73-1  | cis-Nonachlor       | 18  | < 18 U  |
| 39765-80-5 | trans-Nonachlor     | 18  | < 18 U  |
| 2385-85-5  | Mirex               | 18  | < 18 U  |

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

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 97.0% |
| Tetrachlorometaxylene | 85.4% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA Pesticides/PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC14-2-4.1  
SAMPLE

Lab Sample ID: JB31J  
LIMS ID: 06-2834  
Matrix: Sediment  
Data Release Authorized: *AB*  
Reported: 03/02/06

QC Report No: JB31-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/13/06  
Date Received: 02/13/06

Date Extracted: 02/23/06  
Date Analyzed: 02/28/06 13:32  
Instrument/Analyst: ECD4/YZ  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Florisil Cleanup: No  
Acid Cleanup: No

Sample Amount: 25.6 g-dry-wt  
Final Extract Volume: 5.0 mL  
Dilution Factor: 5.00  
Silica Gel: Yes  
pH: 7.1  
Percent Moisture: 49.1%

| CAS Number | Analyte             | RL  | Result  |
|------------|---------------------|-----|---------|
| 319-84-6   | alpha-BHC           | 4.9 | < 4.9 U |
| 319-85-7   | beta-BHC            | 4.9 | < 4.9 U |
| 319-86-8   | delta-BHC           | 4.9 | < 4.9 U |
| 58-89-9    | gamma-BHC (Lindane) | 4.9 | < 4.9 U |
| 76-44-8    | Heptachlor          | 4.9 | < 4.9 U |
| 309-00-2   | Aldrin              | 4.9 | < 4.9 U |
| 1024-57-3  | Heptachlor Epoxide  | 33  | < 33 Y  |
| 959-98-8   | Endosulfan I        | 4.9 | < 4.9 U |
| 60-57-1    | Dieldrin            | 9.8 | < 9.8 U |
| 72-55-9    | 4,4'-DDE            | 9.8 | < 9.8 U |
| 72-20-8    | Endrin              | 54  | < 54 Y  |
| 33213-65-9 | Endosulfan II       | 9.8 | < 9.8 U |
| 72-54-8    | 4,4'-DDD            | 39  | < 39 Y  |
| 1031-07-8  | Endosulfan Sulfate  | 22  | < 22 Y  |
| 50-29-3    | 4,4'-DDT            | 71  | < 71 Y  |
| 72-43-5    | Methoxychlor        | 49  | < 49 U  |
| 53494-70-5 | Endrin Ketone       | 9.8 | < 9.8 U |
| 7421-93-4  | Endrin Aldehyde     | 9.8 | < 9.8 U |
| 5103-74-2  | gamma Chlordane     | 25  | < 25 Y  |
| 5103-71-9  | alpha Chlordane     | 4.9 | < 4.9 U |
| 8001-35-2  | Toxaphene           | 490 | < 490 U |
| 118-74-1   | Hexachlorobenzene   | 4.9 | < 4.9 U |
| 87-68-3    | Hexachlorobutadiene | 4.9 | < 4.9 U |
| 789-02-6   | 2,4'-DDT            | 9.8 | < 9.8 U |
| 3424-82-6  | 2,4'-DDE            | 41  | < 41 Y  |
| 53-19-0    | 2,4'-DDD            | 9.8 | < 9.8 U |
| 27304-13-8 | oxy Chlordane       | 9.8 | < 9.8 U |
| 5103-73-1  | cis-Nonachlor       | 9.8 | < 9.8 U |
| 39765-80-5 | trans-Nonachlor     | 9.8 | < 9.8 U |
| 2385-85-5  | Mirex               | 9.8 | < 9.8 U |

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

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 95.6% |
| Tetrachlorometaxylene | 83.4% |



**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA Pesticides/PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC20-0-2  
**SAMPLE**

Lab Sample ID: JB80G  
 LIMS ID: 06-3223  
 Matrix: Sediment  
 Data Release Authorized: *B*  
 Reported: 03/02/06

QC Report No: JB80-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 04-08-06-24  
 Date Sampled: 02/15/06  
 Date Received: 02/15/06

Date Extracted: 02/23/06  
 Date Analyzed: 02/27/06 23:09  
 Instrument/Analyst: ECD4/YZ  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Florisil Cleanup: No  
 Acid Cleanup: No

Sample Amount: 2.74 g-dry-wt  
 Final Extract Volume: 5.0 mL  
 Dilution Factor: 1.00  
 Silica Gel: Yes  
 pH: 7.1  
 Percent Moisture: 45.6%

| CAS Number | Analyte             | RL  | Result  |
|------------|---------------------|-----|---------|
| 319-84-6   | alpha-BHC           | 9.1 | < 9.1 U |
| 319-85-7   | beta-BHC            | 9.1 | < 9.1 U |
| 319-86-8   | delta-BHC           | 9.1 | < 9.1 U |
| 58-89-9    | gamma-BHC (Lindane) | 9.1 | < 9.1 U |
| 76-44-8    | Heptachlor          | 9.1 | < 9.1 U |
| 309-00-2   | Aldrin              | 9.1 | < 9.1 U |
| 1024-57-3  | Heptachlor Epoxide  | 80  | < 80 Y  |
| 959-98-8   | Endosulfan I        | 9.1 | < 9.1 U |
| 60-57-1    | Dieldrin            | 28  | < 28 Y  |
| 72-55-9    | 4,4'-DDE            | 65  | < 65 Y  |
| 72-20-8    | Endrin              | 120 | < 120 Y |
| 33213-65-9 | Endosulfan II       | 18  | < 18 U  |
| 72-54-8    | 4,4'-DDD            | 18  | < 18 U  |
| 1031-07-8  | Endosulfan Sulfate  | 54  | < 54 Y  |
| 50-29-3    | 4,4'-DDT            | 150 | < 150 Y |
| 72-43-5    | Methoxychlor        | 91  | < 91 U  |
| 53494-70-5 | Endrin Ketone       | 18  | < 18 U  |
| 7421-93-4  | Endrin Aldehyde     | 18  | < 18 U  |
| 5103-74-2  | gamma Chlordane     | 62  | < 62 Y  |
| 5103-71-9  | alpha Chlordane     | 9.1 | < 9.1 U |
| 8001-35-2  | Toxaphene           | 910 | < 910 U |
| 118-74-1   | Hexachlorobenzene   | 9.1 | < 9.1 U |
| 87-68-3    | Hexachlorobutadiene | 9.1 | < 9.1 U |
| 789-02-6   | 2,4'-DDT            | 18  | < 18 U  |
| 3424-82-6  | 2,4'-DDE            | 82  | < 82 Y  |
| 53-19-0    | 2,4'-DDD            | 18  | < 18 U  |
| 27304-13-8 | oxy Chlordane       | 18  | < 18 U  |
| 5103-73-1  | cis-Nonachlor       | 18  | < 18 U  |
| 39765-80-5 | trans-Nonachlor     | 18  | < 18 U  |
| 2385-85-5  | Mirex               | 18  | < 18 U  |

Reported in µg/kg (ppb)

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 97.5% |
| Tetrachlorometaxylene | 85.8% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA Pesticides/PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC20-2-4  
SAMPLE

Lab Sample ID: JB80H  
LIMS ID: 06-3224  
Matrix: Sediment  
Data Release Authorized: *AB*  
Reported: 03/02/06

QC Report No: JB80-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
04-08-06-24  
Date Sampled: 02/15/06  
Date Received: 02/15/06

Date Extracted: 02/23/06  
Date Analyzed: 02/27/06 23:33  
Instrument/Analyst: ECD4/YZ  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Florisil Cleanup: No  
Acid Cleanup: No

Sample Amount: 13.3 g-dry-wt  
Final Extract Volume: 5.0 mL  
Dilution Factor: 1.00  
Silica Gel: Yes  
pH: 7.2  
Percent Moisture: 46.8%

| CAS Number | Analyte             | RL  | Result  |
|------------|---------------------|-----|---------|
| 319-84-6   | alpha-BHC           | 1.9 | < 1.9 U |
| 319-85-7   | beta-BHC            | 1.9 | < 1.9 U |
| 319-86-8   | delta-BHC           | 1.9 | < 1.9 U |
| 58-89-9    | gamma-BHC (Lindane) | 1.9 | < 1.9 U |
| 76-44-8    | Heptachlor          | 1.9 | < 1.9 U |
| 309-00-2   | Aldrin              | 1.9 | < 1.9 U |
| 1024-57-3  | Heptachlor Epoxide  | 10  | < 10 Y  |
| 959-98-8   | Endosulfan I        | 1.9 | < 1.9 U |
| 60-57-1    | Dieldrin            | 10  | < 10 Y  |
| 72-55-9    | 4,4'-DDE            | 3.8 | < 3.8 U |
| 72-20-8    | Endrin              | 18  | < 18 Y  |
| 33213-65-9 | Endosulfan II       | 3.8 | < 3.8 U |
| 72-54-8    | 4,4'-DDD            | 14  | < 14 Y  |
| 1031-07-8  | Endosulfan Sulfate  | 11  | < 11 Y  |
| 50-29-3    | 4,4'-DDT            | 32  | < 32 Y  |
| 72-43-5    | Methoxychlor        | 19  | < 19 U  |
| 53494-70-5 | Endrin Ketone       | 3.8 | < 3.8 U |
| 7421-93-4  | Endrin Aldehyde     | 3.8 | < 3.8 U |
| 5103-74-2  | gamma Chlordane     | 1.9 | < 1.9 U |
| 5103-71-9  | alpha Chlordane     | 1.9 | < 1.9 U |
| 8001-35-2  | Toxaphene           | 190 | < 190 U |
| 118-74-1   | Hexachlorobenzene   | 1.9 | < 1.9 U |
| 87-68-3    | Hexachlorobutadiene | 1.9 | < 1.9 U |
| 789-02-6   | 2,4'-DDT            | 3.8 | < 3.8 U |
| 3424-82-6  | 2,4'-DDE            | 17  | < 17 Y  |
| 53-19-0    | 2,4'-DDD            | 3.8 | < 3.8 U |
| 27304-13-8 | oxy Chlordane       | 3.8 | < 3.8 U |
| 5103-73-1  | cis-Nonachlor       | 3.8 | < 3.8 U |
| 39765-80-5 | trans-Nonachlor     | 3.8 | < 3.8 U |
| 2385-85-5  | Mirex               | 3.8 | < 3.8 U |

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

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 100%  |
| Tetrachlorometaxylene | 79.0% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA Pesticides/PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC23-0-2  
SAMPLE

Lab Sample ID: JB91C  
LIMS ID: 06-3311  
Matrix: Sediment  
Data Release Authorized: *[Signature]*  
Reported: 03/07/06

QC Report No: JB91-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/17/06  
Date Received: 02/17/06

Date Extracted: 02/23/06  
Date Analyzed: 02/28/06 07:17  
Instrument/Analyst: ECD4/YZ  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Florisil Cleanup: No  
Acid Cleanup: No

Sample Amount: 25.4 g-dry-wt  
Final Extract Volume: 5.0 mL  
Dilution Factor: 1.00  
Silica Gel: Yes  
pH: 7.5  
Percent Moisture: 46.1%

| CAS Number      | Analyte             | RL          | Result       |
|-----------------|---------------------|-------------|--------------|
| 319-84-6        | alpha-BHC           | 0.98        | < 0.98 U     |
| 319-85-7        | beta-BHC            | 0.98        | < 0.98 U     |
| <b>319-86-8</b> | <b>delta-BHC</b>    | <b>0.98</b> | <b>110 S</b> |
| 58-89-9         | gamma-BHC (Lindane) | 2.6         | < 2.6 Y      |
| 76-44-8         | Heptachlor          | 0.98        | < 0.98 U     |
| 309-00-2        | Aldrin              | 0.98        | < 0.98 U     |
| 1024-57-3       | Heptachlor Epoxide  | 0.98        | < 0.98 U     |
| 959-98-8        | Endosulfan I        | 0.98        | < 0.98 U     |
| 60-57-1         | Dieldrin            | 2.0         | < 2.0 U      |
| 72-55-9         | 4,4'-DDE            | 2.0         | < 2.0 U      |
| 72-20-8         | Endrin              | 8.9         | < 8.9 Y      |
| 33213-65-9      | Endosulfan II       | 2.0         | < 2.0 U      |
| 72-54-8         | 4,4'-DDD            | 2.0         | < 2.0 U      |
| 1031-07-8       | Endosulfan Sulfate  | 2.0         | < 2.0 U      |
| 50-29-3         | 4,4'-DDT            | 18          | < 18 Y       |
| 72-43-5         | Methoxychlor        | 9.8         | < 9.8 U      |
| 53494-70-5      | Endrin Ketone       | 2.0         | < 2.0 U      |
| 7421-93-4       | Endrin Aldehyde     | 2.0         | < 2.0 U      |
| 5103-74-2       | gamma Chlordane     | 4.7         | < 4.7 Y      |
| 5103-71-9       | alpha Chlordane     | 0.98        | < 0.98 U     |
| 8001-35-2       | Toxaphene           | 98          | < 98 U       |
| 118-74-1        | Hexachlorobenzene   | 0.98        | < 0.98 U     |
| 87-68-3         | Hexachlorobutadiene | 0.98        | < 0.98 U     |
| 789-02-6        | 2,4'-DDT            | 2.0         | < 2.0 U      |
| 3424-82-6       | 2,4'-DDE            | 2.0         | < 2.0 U      |
| 53-19-0         | 2,4'-DDD            | 2.0         | < 2.0 U      |
| 27304-13-8      | oxy Chlordane       | 2.0         | < 2.0 U      |
| 5103-73-1       | cis-Nonachlor       | 2.0         | < 2.0 U      |
| 39765-80-5      | trans-Nonachlor     | 2.0         | < 2.0 U      |
| 2385-85-5       | Mirex               | 2.0         | < 2.0 U      |

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

**Pest/PCB Surrogate Recovery**

|                       |      |
|-----------------------|------|
| Decachlorobiphenyl    | 117% |
| Tetrachlorometaxylene | 108% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA Pesticides/PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC23-0-2  
DILUTION

Lab Sample ID: JB91C  
LIMS ID: 06-3311  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/07/06

QC Report No: JB91-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/17/06  
Date Received: 02/17/06

Date Extracted: 02/23/06  
Date Analyzed: 03/02/06 12:25  
Instrument/Analyst: ECD4/YZ  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Florisil Cleanup: No  
Acid Cleanup: No

Sample Amount: 25.4 g-dry-wt  
Final Extract Volume: 5.0 mL  
Dilution Factor: 100  
Silica Gel: Yes  
pH: 7.5  
Percent Moisture: 46.1%

| CAS Number      | Analyte             | RL        | Result       |
|-----------------|---------------------|-----------|--------------|
| 319-84-6        | alpha-BHC           | 98        | < 98 U       |
| 319-85-7        | beta-BHC            | 98        | < 98 U       |
| <b>319-86-8</b> | <b>delta-BHC</b>    | <b>98</b> | <b>1,100</b> |
| 58-89-9         | gamma-BHC (Lindane) | 98        | < 98 U       |
| 76-44-8         | Heptachlor          | 98        | < 98 U       |
| 309-00-2        | Aldrin              | 98        | < 98 U       |
| 1024-57-3       | Heptachlor Epoxide  | 98        | < 98 U       |
| 959-98-8        | Endosulfan I        | 98        | < 98 U       |
| 60-57-1         | Dieldrin            | 200       | < 200 U      |
| 72-55-9         | 4,4'-DDE            | 200       | < 200 U      |
| 72-20-8         | Endrin              | 200       | < 200 U      |
| 33213-65-9      | Endosulfan II       | 200       | < 200 U      |
| 72-54-8         | 4,4'-DDD            | 200       | < 200 U      |
| 1031-07-8       | Endosulfan Sulfate  | 200       | < 200 U      |
| 50-29-3         | 4,4'-DDT            | 200       | < 200 U      |
| 72-43-5         | Methoxychlor        | 980       | < 980 U      |
| 53494-70-5      | Endrin Ketone       | 200       | < 200 U      |
| 7421-93-4       | Endrin Aldehyde     | 200       | < 200 U      |
| 5103-74-2       | gamma Chlordane     | 98        | < 98 U       |
| 5103-71-9       | alpha Chlordane     | 98        | < 98 U       |
| 8001-35-2       | Toxaphene           | 9,800     | < 9,800 U    |
| 118-74-1        | Hexachlorobenzene   | 98        | < 98 U       |
| 87-68-3         | Hexachlorobutadiene | 98        | < 98 U       |
| 789-02-6        | 2,4'-DDT            | 200       | < 200 U      |
| 3424-82-6       | 2,4'-DDE            | 200       | < 200 U      |
| 53-19-0         | 2,4'-DDD            | 200       | < 200 U      |
| 27304-13-8      | oxy Chlordane       | 200       | < 200 U      |
| 5103-73-1       | cis-Nonachlor       | 200       | < 200 U      |
| 39765-80-5      | trans-Nonachlor     | 200       | < 200 U      |
| 2385-85-5       | Mirex               | 200       | < 200 U      |

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

**Pest/PCB Surrogate Recovery**

|                       |   |
|-----------------------|---|
| Decachlorobiphenyl    | D |
| Tetrachlorometaxylene | D |

Sample ID: LDW-SC23-2-4  
 SAMPLE

Lab Sample ID: JB91D  
 LIMS ID: 06-3312  
 Matrix: Sediment  
 Data Release Authorized: *AB*  
 Reported: 03/07/06

QC Report No: JB91-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/17/06  
 Date Received: 02/17/06

Date Extracted: 02/23/06  
 Date Analyzed: 02/28/06 07:41  
 Instrument/Analyst: ECD4/YZ  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Florisil Cleanup: No  
 Acid Cleanup: No

Sample Amount: 25.4 g-dry-wt  
 Final Extract Volume: 5.0 mL  
 Dilution Factor: 1.00  
 Silica Gel: Yes  
 pH: 7.4  
 Percent Moisture: 52.2%

| CAS Number | Analyte             | RL   | Result   |
|------------|---------------------|------|----------|
| 319-84-6   | alpha-BHC           | 0.99 | < 0.98 U |
| 319-85-7   | beta-BHC            | 0.99 | < 0.98 U |
| 319-86-8   | delta-BHC           | 0.99 | 8.3      |
| 58-89-9    | gamma-BHC (Lindane) | 0.99 | < 0.98 U |
| 76-44-8    | Heptachlor          | 0.99 | < 0.98 U |
| 309-00-2   | Aldrin              | 2.6  | < 2.6 Y  |
| 1024-57-3  | Heptachlor Epoxide  | 2.9  | < 2.9 Y  |
| 959-98-8   | Endosulfan I        | 0.99 | < 0.98 U |
| 60-57-1    | Dieldrin            | 2.7  | < 2.7 Y  |
| 72-55-9    | 4,4'-DDE            | 2.0  | < 2.0 U  |
| 72-20-8    | Endrin              | 9.3  | < 9.3 Y  |
| 33213-65-9 | Endosulfan II       | 2.0  | < 2.0 U  |
| 72-54-8    | 4,4'-DDD            | 2.0  | < 2.0 U  |
| 1031-07-8  | Endosulfan Sulfate  | 2.0  | < 2.0 U  |
| 50-29-3    | 4,4'-DDT            | 7.4  | < 7.4 Y  |
| 72-43-5    | Methoxychlor        | 9.9  | < 9.8 U  |
| 53494-70-5 | Endrin Ketone       | 2.0  | < 2.0 U  |
| 7421-93-4  | Endrin Aldehyde     | 2.0  | < 2.0 U  |
| 5103-74-2  | gamma Chlordane     | 2.1  | < 2.2 Y  |
| 5103-71-9  | alpha Chlordane     | 0.99 | < 0.98 U |
| 8001-35-2  | Toxaphene           | 99   | < 98 U   |
| 118-74-1   | Hexachlorobenzene   | 0.99 | < 0.98 U |
| 87-68-3    | Hexachlorobutadiene | 0.99 | < 0.98 U |
| 789-02-6   | 2,4'-DDT            | 2.0  | < 2.0 U  |
| 3424-82-6  | 2,4'-DDE            | 3.8  | < 3.8 Y  |
| 53-19-0    | 2,4'-DDD            | 2.0  | < 2.0 U  |
| 27304-13-8 | oxy Chlordane       | 2.0  | < 2.0 U  |
| 5103-73-1  | cis-Nonachlor       | 2.0  | < 2.0 U  |
| 39765-80-5 | trans-Nonachlor     | 2.0  | < 2.0 U  |
| 2385-85-5  | Mirex               | 2.0  | < 2.0 U  |

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

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 119%  |
| Tetrachlorometaxylene | 87.0% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA Pesticides/PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC31-0-1  
 SAMPLE

Lab Sample ID: JB98M  
 LIMS ID: 06-3377  
 Matrix: Sediment  
 Data Release Authorized:  
 Reported: 03/07/06

QC Report No: JB98-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/17/06  
 Date Received: 02/17/06

Date Extracted: 02/28/06  
 Date Analyzed: 03/02/06 21:42  
 Instrument/Analyst: ECD4/YZ  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Florisil Cleanup: No  
 Acid Cleanup: No

Sample Amount: 25.4 g-dry-wt  
 Final Extract Volume: 5.0 mL  
 Dilution Factor: 5.00  
 Silica Gel: Yes  
 pH: 6.8  
 Percent Moisture: 56.2%

| CAS Number | Analyte             | RL  | Result  |
|------------|---------------------|-----|---------|
| 319-84-6   | alpha-BHC           | 4.9 | < 4.9 U |
| 319-85-7   | beta-BHC            | 4.9 | < 4.9 U |
| 319-86-8   | delta-BHC           | 4.9 | < 4.9 U |
| 58-89-9    | gamma-BHC (Lindane) | 4.9 | < 4.9 U |
| 76-44-8    | Heptachlor          | 4.9 | < 4.9 U |
| 309-00-2   | Aldrin              | 4.9 | < 4.9 U |
| 1024-57-3  | Heptachlor Epoxide  | 4.9 | < 4.9 U |
| 959-98-8   | Endosulfan I        | 4.9 | < 4.9 U |
| 60-57-1    | Dieldrin            | 9.8 | < 9.8 U |
| 72-55-9    | 4,4'-DDE            | 9.8 | < 9.8 U |
| 72-20-8    | Endrin              | 9.8 | < 9.8 U |
| 33213-65-9 | Endosulfan II       | 9.8 | < 9.8 U |
| 72-54-8    | 4,4'-DDD            | 9.8 | < 9.8 U |
| 1031-07-8  | Endosulfan Sulfate  | 9.8 | < 9.8 U |
| 50-29-3    | 4,4'-DDT            | 32  | < 32 Y  |
| 72-43-5    | Methoxychlor        | 49  | < 49 U  |
| 53494-70-5 | Endrin Ketone       | 9.8 | < 9.8 U |
| 7421-93-4  | Endrin Aldehyde     | 9.8 | < 9.8 U |
| 5103-74-2  | gamma Chlordane     | 4.9 | < 4.9 U |
| 5103-71-9  | alpha Chlordane     | 4.9 | < 4.9 U |
| 8001-35-2  | Toxaphene           | 490 | < 490 U |
| 118-74-1   | Hexachlorobenzene   | 4.9 | < 4.9 U |
| 87-68-3    | Hexachlorobutadiene | 4.9 | < 4.9 U |
| 789-02-6   | 2,4'-DDT            | 9.8 | < 9.8 U |
| 3424-82-6  | 2,4'-DDE            | 9.8 | < 9.8 U |
| 53-19-0    | 2,4'-DDD            | 9.8 | < 9.8 U |
| 27304-13-8 | oxy Chlordane       | 9.8 | < 9.8 U |
| 5103-73-1  | cis-Nonachlor       | 9.8 | < 9.8 U |
| 39765-80-5 | trans-Nonachlor     | 9.8 | < 9.8 U |
| 2385-85-5  | Mirex               | 9.8 | < 9.8 U |

Reported in µg/kg (ppb)

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 117%  |
| Tetrachlorometaxylene | 98.8% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA Pesticides/PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC31-1-2.8  
**SAMPLE**

Lab Sample ID: JB98N  
 LIMS ID: 06-3378  
 Matrix: Sediment  
 Data Release Authorized:  
 Reported: 03/07/06

QC Report No: JB98-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/17/06  
 Date Received: 02/17/06

Date Extracted: 02/28/06  
 Date Analyzed: 03/02/06 22:06  
 Instrument/Analyst: ECD4/YZ  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Florisil Cleanup: No  
 Acid Cleanup: No

Sample Amount: 25.4 g-dry-wt  
 Final Extract Volume: 5.0 mL  
 Dilution Factor: 5.00  
 Silica Gel: Yes  
 pH: 7.3  
 Percent Moisture: 49.4%

| CAS Number | Analyte             | RL  | Result  |
|------------|---------------------|-----|---------|
| 319-84-6   | alpha-BHC           | 4.9 | < 4.9 U |
| 319-85-7   | beta-BHC            | 4.9 | < 4.9 U |
| 319-86-8   | delta-BHC           | 4.9 | < 4.9 U |
| 58-89-9    | gamma-BHC (Lindane) | 4.9 | < 4.9 U |
| 76-44-8    | Heptachlor          | 4.9 | < 4.9 U |
| 309-00-2   | Aldrin              | 4.9 | < 4.9 U |
| 1024-57-3  | Heptachlor Epoxide  | 4.9 | < 4.9 U |
| 959-98-8   | Endosulfan I        | 4.9 | < 4.9 U |
| 60-57-1    | Dieldrin            | 9.9 | < 9.8 U |
| 72-55-9    | 4,4'-DDE            | 9.9 | < 9.8 U |
| 72-20-8    | Endrin              | 9.9 | < 9.8 U |
| 33213-65-9 | Endosulfan II       | 9.9 | < 9.8 U |
| 72-54-8    | 4,4'-DDD            | 9.9 | < 9.8 U |
| 1031-07-8  | Endosulfan Sulfate  | 9.9 | < 9.8 U |
| 50-29-3    | 4,4'-DDT            | 22  | < 22 Y  |
| 72-43-5    | Methoxychlor        | 49  | < 49 U  |
| 53494-70-5 | Endrin Ketone       | 9.9 | < 9.8 U |
| 7421-93-4  | Endrin Aldehyde     | 9.9 | < 9.8 U |
| 5103-74-2  | gamma Chlordane     | 4.9 | < 4.9 U |
| 5103-71-9  | alpha Chlordane     | 4.9 | < 4.9 U |
| 8001-35-2  | Toxaphene           | 490 | < 490 U |
| 118-74-1   | Hexachlorobenzene   | 4.9 | < 4.9 U |
| 87-68-3    | Hexachlorobutadiene | 4.9 | < 4.9 U |
| 789-02-6   | 2,4'-DDT            | 9.9 | < 9.8 U |
| 3424-82-6  | 2,4'-DDE            | 9.9 | < 9.8 U |
| 53-19-0    | 2,4'-DDD            | 9.9 | < 9.8 U |
| 27304-13-8 | oxy Chlordane       | 9.9 | < 9.8 U |
| 5103-73-1  | cis-Nonachlor       | 9.9 | < 9.8 U |
| 39765-80-5 | trans-Nonachlor     | 9.9 | < 9.8 U |
| 2385-85-5  | Mirex               | 9.9 | < 9.8 U |

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

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 109%  |
| Tetrachlorometaxylene | 74.5% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA Pesticides/PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC31-2.8-4  
 SAMPLE

Lab Sample ID: JB980  
 LIMS ID: 06-3379  
 Matrix: Sediment  
 Data Release Authorized: *BB*  
 Reported: 03/07/06

QC Report No: JB98-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/17/06  
 Date Received: 02/17/06

Date Extracted: 02/28/06  
 Date Analyzed: 03/02/06 22:31  
 Instrument/Analyst: ECD4/YZ  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Florisil Cleanup: No  
 Acid Cleanup: No

Sample Amount: 26.1 g-dry-wt  
 Final Extract Volume: 5.0 mL  
 Dilution Factor: 1.00  
 Silica Gel: Yes  
 pH: 7.0  
 Percent Moisture: 17.5%

| CAS Number | Analyte             | RL   | Result   |
|------------|---------------------|------|----------|
| 319-84-6   | alpha-BHC           | 0.96 | < 0.96 U |
| 319-85-7   | beta-BHC            | 0.96 | < 0.96 U |
| 319-86-8   | delta-BHC           | 0.96 | < 0.96 U |
| 58-89-9    | gamma-BHC (Lindane) | 0.96 | < 0.96 U |
| 76-44-8    | Heptachlor          | 0.96 | < 0.96 U |
| 309-00-2   | Aldrin              | 0.96 | < 0.96 U |
| 1024-57-3  | Heptachlor Epoxide  | 0.96 | < 0.96 U |
| 959-98-8   | Endosulfan I        | 0.96 | < 0.96 U |
| 60-57-1    | Dieldrin            | 1.9  | < 1.9 U  |
| 72-55-9    | 4,4'-DDE            | 1.9  | < 1.9 U  |
| 72-20-8    | Endrin              | 1.9  | < 1.9 U  |
| 33213-65-9 | Endosulfan II       | 1.9  | < 1.9 U  |
| 72-54-8    | 4,4'-DDD            | 1.9  | < 1.9 U  |
| 1031-07-8  | Endosulfan Sulfate  | 1.9  | < 1.9 U  |
| 50-29-3    | 4,4'-DDT            | 1.9  | < 1.9 U  |
| 72-43-5    | Methoxychlor        | 9.6  | < 9.6 U  |
| 53494-70-5 | Endrin Ketone       | 1.9  | < 1.9 U  |
| 7421-93-4  | Endrin Aldehyde     | 1.9  | < 1.9 U  |
| 5103-74-2  | gamma Chlordane     | 0.96 | < 0.96 U |
| 5103-71-9  | alpha Chlordane     | 0.96 | < 0.96 U |
| 8001-35-2  | Toxaphene           | 96   | < 96 U   |
| 118-74-1   | Hexachlorobenzene   | 0.96 | < 0.96 U |
| 87-68-3    | Hexachlorobutadiene | 0.96 | < 0.96 U |
| 789-02-6   | 2,4'-DDT            | 1.9  | < 1.9 U  |
| 3424-82-6  | 2,4'-DDE            | 1.9  | < 1.9 U  |
| 53-19-0    | 2,4'-DDD            | 1.9  | < 1.9 U  |
| 27304-13-8 | oxy Chlordane       | 1.9  | < 1.9 U  |
| 5103-73-1  | cis-Nonachlor       | 1.9  | < 1.9 U  |
| 39765-80-5 | trans-Nonachlor     | 1.9  | < 1.9 U  |
| 2385-85-5  | Mirex               | 1.9  | < 1.9 U  |

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


**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 81.8% |
| Tetrachlorometaxylene | 78.2% |



ORGANICS ANALYSIS DATA SHEET  
PSDDA Pesticides/PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC34-0-1  
SAMPLE

Lab Sample ID: JB96A  
LIMS ID: 06-3342  
Matrix: Sediment  
Data Release Authorized:   
Reported: 03/07/06

QC Report No: JB96-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/18/06  
Date Received: 02/18/06

Date Extracted: 02/28/06  
Date Analyzed: 03/06/06 10:15  
Instrument/Analyst: ECD4/YZ  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Florisil Cleanup: No  
Acid Cleanup: No

Sample Amount: 25.5 g-dry-wt  
Final Extract Volume: 5.0 mL  
Dilution Factor: 1.00  
Silica Gel: Yes  
pH: 6.8  
Percent Moisture: 50.6%

| CAS Number | Analyte             | RL   | Result   |
|------------|---------------------|------|----------|
| 319-84-6   | alpha-BHC           | 0.98 | < 0.98 U |
| 319-85-7   | beta-BHC            | 0.98 | < 0.98 U |
| 319-86-8   | delta-BHC           | 0.98 | 7.0      |
| 58-89-9    | gamma-BHC (Lindane) | 3.1  | < 3.1 Y  |
| 76-44-8    | Heptachlor          | 0.98 | < 0.98 U |
| 309-00-2   | Aldrin              | 0.98 | < 0.98 U |
| 1024-57-3  | Heptachlor Epoxide  | 2.5  | < 2.5 Y  |
| 959-98-8   | Endosulfan I        | 0.98 | < 0.98 U |
| 60-57-1    | Dieldrin            | 2.0  | < 2.0 U  |
| 72-55-9    | 4,4'-DDE            | 2.0  | < 2.0 U  |
| 72-20-8    | Endrin              | 11   | < 11 Y   |
| 33213-65-9 | Endosulfan II       | 2.0  | < 2.0 U  |
| 72-54-8    | 4,4'-DDD            | 2.0  | < 2.0 U  |
| 1031-07-8  | Endosulfan Sulfate  | 9.2  | < 9.2 Y  |
| 50-29-3    | 4,4'-DDT            | 13   | < 13 Y   |
| 72-43-5    | Methoxychlor        | 9.8  | < 9.8 U  |
| 53494-70-5 | Endrin Ketone       | 2.0  | < 2.0 U  |
| 7421-93-4  | Endrin Aldehyde     | 2.0  | < 2.0 U  |
| 5103-74-2  | gamma Chlordane     | 3.2  | < 3.2 Y  |
| 5103-71-9  | alpha Chlordane     | 0.98 | < 0.98 U |
| 8001-35-2  | Toxaphene           | 98   | < 98 U   |
| 118-74-1   | Hexachlorobenzene   | 0.98 | < 0.98 U |
| 87-68-3    | Hexachlorobutadiene | 0.98 | < 0.98 U |
| 789-02-6   | 2,4'-DDT            | 2.0  | < 2.0 U  |
| 3424-82-6  | 2,4'-DDE            | 5.7  | < 5.7 Y  |
| 53-19-0    | 2,4'-DDD            | 2.0  | < 2.0 U  |
| 27304-13-8 | oxy Chlordane       | 2.0  | < 2.0 U  |
| 5103-73-1  | cis-Nonachlor       | 2.0  | < 2.0 U  |
| 39765-80-5 | trans-Nonachlor     | 2.0  | < 2.0 U  |
| 2385-85-5  | Mirex               | 2.0  | < 2.0 U  |

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

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 99.0% |
| Tetrachlorometaxylene | 69.8% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA Pesticides/PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC34-1-2  
**SAMPLE**

Lab Sample ID: JB96B  
 LIMS ID: 06-3343  
 Matrix: Sediment  
 Data Release Authorized: *[Signature]*  
 Reported: 03/07/06

QC Report No: JB96-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/18/06  
 Date Received: 02/18/06

Date Extracted: 02/28/06  
 Date Analyzed: 03/06/06 10:39  
 Instrument/Analyst: ECD4/YZ  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Florisil Cleanup: No  
 Acid Cleanup: No

Sample Amount: 25.5 g-dry-wt  
 Final Extract Volume: 5.0 mL  
 Dilution Factor: 5.00  
 Silica Gel: Yes  
 pH: 7.6  
 Percent Moisture: 50.4%

| CAS Number      | Analyte             | RL         | Result    |
|-----------------|---------------------|------------|-----------|
| 319-84-6        | alpha-BHC           | 4.9        | < 4.9 U   |
| 319-85-7        | beta-BHC            | 4.9        | < 4.9 U   |
| <b>319-86-8</b> | <b>delta-BHC</b>    | <b>4.9</b> | <b>19</b> |
| 58-89-9         | gamma-BHC (Lindane) | 4.9        | < 4.9 U   |
| 76-44-8         | Heptachlor          | 4.9        | < 4.9 U   |
| 309-00-2        | Aldrin              | 4.9        | < 4.9 U   |
| 1024-57-3       | Heptachlor Epoxide  | 4.9        | < 4.9 U   |
| 959-98-8        | Endosulfan I        | 4.9        | < 4.9 U   |
| 60-57-1         | Dieldrin            | 9.8        | < 9.8 U   |
| 72-55-9         | 4,4'-DDE            | 9.8        | < 9.8 U   |
| 72-20-8         | Endrin              | 9.8        | < 9.8 U   |
| 33213-65-9      | Endosulfan II       | 9.8        | < 9.8 U   |
| 72-54-8         | 4,4'-DDD            | 9.8        | < 9.8 U   |
| 1031-07-8       | Endosulfan Sulfate  | 9.8        | < 9.8 U   |
| 50-29-3         | 4,4'-DDT            | 41         | < 41 Y    |
| 72-43-5         | Methoxychlor        | 49         | < 49 U    |
| 53494-70-5      | Endrin Ketone       | 9.8        | < 9.8 U   |
| 7421-93-4       | Endrin Aldehyde     | 23         | < 23 Y    |
| 5103-74-2       | gamma Chlordane     | 14         | < 14 Y    |
| 5103-71-9       | alpha Chlordane     | 9.2        | < 9.2 Y   |
| 8001-35-2       | Toxaphene           | 490        | < 490 U   |
| 118-74-1        | Hexachlorobenzene   | 4.9        | < 4.9 U   |
| 87-68-3         | Hexachlorobutadiene | 4.9        | < 4.9 U   |
| 789-02-6        | 2,4'-DDT            | 9.8        | < 9.8 U   |
| 3424-82-6       | 2,4'-DDE            | 9.8        | < 9.8 U   |
| 53-19-0         | 2,4'-DDD            | 9.8        | < 9.8 U   |
| 27304-13-8      | oxy Chlordane       | 9.8        | < 9.8 U   |
| 5103-73-1       | cis-Nonachlor       | 9.8        | < 9.8 U   |
| 39765-80-5      | trans-Nonachlor     | 9.8        | < 9.8 U   |
| 2385-85-5       | Mirex               | 9.8        | < 9.8 U   |

Reported in µg/kg (ppb)

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | NR    |
| Tetrachlorometaxylene | 68.9% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA Pesticides/PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC34-2-4  
**SAMPLE**

Lab Sample ID: JB96C  
 LIMS ID: 06-3344  
 Matrix: Sediment  
 Data Release Authorized:  
 Reported: 03/07/06

QC Report No: JB96-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/18/06  
 Date Received: 02/18/06

Date Extracted: 02/28/06  
 Date Analyzed: 03/06/06 11:03  
 Instrument/Analyst: ECD4/YZ  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Florisil Cleanup: No  
 Acid Cleanup: No

Sample Amount: 26.0 g-dry-wt  
 Final Extract Volume: 5.0 mL  
 Dilution Factor: 1.00  
 Silica Gel: Yes  
 pH: 7.5  
 Percent Moisture: 39.3%

| CAS Number | Analyte             | RL   | Result   |
|------------|---------------------|------|----------|
| 319-84-6   | alpha-BHC           | 0.96 | < 0.96 U |
| 319-85-7   | beta-BHC            | 2.0  | < 2.0 Y  |
| 319-86-8   | delta-BHC           | 0.96 | < 0.96 U |
| 58-89-9    | gamma-BHC (Lindane) | 0.96 | < 0.96 U |
| 76-44-8    | Heptachlor          | 0.96 | < 0.96 U |
| 309-00-2   | Aldrin              | 0.96 | < 0.96 U |
| 1024-57-3  | Heptachlor Epoxide  | 4.1  | < 4.1 Y  |
| 959-98-8   | Endosulfan I        | 0.96 | < 0.96 U |
| 60-57-1    | Dieldrin            | 1.9  | < 1.9 U  |
| 72-55-9    | 4,4'-DDE            | 1.9  | < 1.9 U  |
| 72-20-8    | Endrin              | 1.9  | < 1.9 U  |
| 33213-65-9 | Endosulfan II       | 1.9  | < 1.9 U  |
| 72-54-8    | 4,4'-DDD            | 3.6  | < 3.6 Y  |
| 1031-07-8  | Endosulfan Sulfate  | 3.4  | < 3.4 Y  |
| 50-29-3    | 4,4'-DDT            | 8.3  | < 8.3 Y  |
| 72-43-5    | Methoxychlor        | 9.6  | < 9.6 U  |
| 53494-70-5 | Endrin Ketone       | 1.9  | < 1.9 U  |
| 7421-93-4  | Endrin Aldehyde     | 1.9  | < 1.9 U  |
| 5103-74-2  | gamma Chlordane     | 1.7  | < 1.7 Y  |
| 5103-71-9  | alpha Chlordane     | 2.3  | < 2.3 Y  |
| 8001-35-2  | Toxaphene           | 96   | < 96 U   |
| 118-74-1   | Hexachlorobenzene   | 0.96 | < 0.96 U |
| 87-68-3    | Hexachlorobutadiene | 0.96 | < 0.96 U |
| 789-02-6   | 2,4'-DDT            | 1.9  | < 1.9 U  |
| 3424-82-6  | 2,4'-DDE            | 1.9  | < 1.9 U  |
| 53-19-0    | 2,4'-DDD            | 1.9  | < 1.9 U  |
| 27304-13-8 | oxy Chlordane       | 1.9  | < 1.9 U  |
| 5103-73-1  | cis-Nonachlor       | 1.9  | < 1.9 U  |
| 39765-80-5 | trans-Nonachlor     | 1.9  | < 1.9 U  |
| 2385-85-5  | Mirex               | 1.9  | < 1.9 U  |

Reported in µg/kg (ppb)

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 123%  |
| Tetrachlorometaxylene | 87.2% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA Pesticides/PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC203-0-1  
**SAMPLE**

Lab Sample ID: JB96G  
 LIMS ID: 06-3348  
 Matrix: Sediment  
 Data Release Authorized:  
 Reported: 03/07/06

QC Report No: JB96-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/18/06  
 Date Received: 02/18/06

Date Extracted: 02/28/06  
 Date Analyzed: 03/06/06 11:28  
 Instrument/Analyst: ECD4/YZ  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Florisil Cleanup: No  
 Acid Cleanup: No

Sample Amount: 25.5 g-dry-wt  
 Final Extract Volume: 5.0 mL  
 Dilution Factor: 5.00  
 Silica Gel: Yes  
 pH: 6.9  
 Percent Moisture: 53.4%

| CAS Number      | Analyte             | RL         | Result    |
|-----------------|---------------------|------------|-----------|
| 319-84-6        | alpha-BHC           | 4.9        | < 4.9 U   |
| 319-85-7        | beta-BHC            | 4.9        | < 4.9 U   |
| <b>319-86-8</b> | <b>delta-BHC</b>    | <b>4.9</b> | <b>23</b> |
| 58-89-9         | gamma-BHC (Lindane) | 4.9        | < 4.9 U   |
| 76-44-8         | Heptachlor          | 4.9        | < 4.9 U   |
| 309-00-2        | Aldrin              | 4.9        | < 4.9 U   |
| 1024-57-3       | Heptachlor Epoxide  | 4.9        | < 4.9 U   |
| 959-98-8        | Endosulfan I        | 4.9        | < 4.9 U   |
| 60-57-1         | Dieldrin            | 9.8        | < 9.8 U   |
| 72-55-9         | 4,4'-DDE            | 9.8        | < 9.8 U   |
| 72-20-8         | Endrin              | 9.8        | < 9.8 U   |
| 33213-65-9      | Endosulfan II       | 9.8        | < 9.8 U   |
| 72-54-8         | 4,4'-DDD            | 9.8        | < 9.8 U   |
| 1031-07-8       | Endosulfan Sulfate  | 9.8        | < 9.8 U   |
| 50-29-3         | 4,4'-DDT            | 32         | < 32 Y    |
| 72-43-5         | Methoxychlor        | 49         | < 49 U    |
| 53494-70-5      | Endrin Ketone       | 9.8        | < 9.8 U   |
| 7421-93-4       | Endrin Aldehyde     | 9.8        | < 9.8 U   |
| 5103-74-2       | gamma Chlordane     | 9.2        | < 9.2 Y   |
| 5103-71-9       | alpha Chlordane     | 4.9        | < 4.9 U   |
| 8001-35-2       | Toxaphene           | 490        | < 490 U   |
| 118-74-1        | Hexachlorobenzene   | 4.9        | < 4.9 U   |
| 87-68-3         | Hexachlorobutadiene | 4.9        | < 4.9 U   |
| 789-02-6        | 2,4'-DDT            | 9.8        | < 9.8 U   |
| 3424-82-6       | 2,4'-DDE            | 9.8        | < 9.8 U   |
| 53-19-0         | 2,4'-DDD            | 9.8        | < 9.8 U   |
| 27304-13-8      | oxy Chlordane       | 9.8        | < 9.8 U   |
| 5103-73-1       | cis-Nonachlor       | 9.8        | < 9.8 U   |
| 39765-80-5      | trans-Nonachlor     | 9.8        | < 9.8 U   |
| 2385-85-5       | Mirex               | 9.8        | < 9.8 U   |

Reported in µg/kg (ppb)

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | NR    |
| Tetrachlorometaxylene | 68.4% |

Lab Sample ID: JB96H  
 LIMS ID: 06-3349  
 Matrix: Sediment  
 Data Release Authorized: *[Signature]*  
 Reported: 03/07/06

QC Report No: JB96-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/18/06  
 Date Received: 02/18/06

Date Extracted: 02/28/06  
 Date Analyzed: 03/06/06 11:52  
 Instrument/Analyst: ECD4/YZ  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Florisil Cleanup: No  
 Acid Cleanup: No

Sample Amount: 25.4 g-dry-wt  
 Final Extract Volume: 5.0 mL  
 Dilution Factor: 5.00  
 Silica Gel: Yes  
 pH: 7.2  
 Percent Moisture: 53.0%

| CAS Number      | Analyte             | RL         | Result    |
|-----------------|---------------------|------------|-----------|
| 319-84-6        | alpha-BHC           | 4.9        | < 4.9 U   |
| 319-85-7        | beta-BHC            | 4.9        | < 4.9 U   |
| <b>319-86-8</b> | <b>delta-BHC</b>    | <b>4.9</b> | <b>60</b> |
| 58-89-9         | gamma-BHC (Lindane) | 4.9        | < 4.9 U   |
| 76-44-8         | Heptachlor          | 4.9        | < 4.9 U   |
| 309-00-2        | Aldrin              | 4.9        | < 4.9 U   |
| 1024-57-3       | Heptachlor Epoxide  | 4.9        | < 4.9 U   |
| 959-98-8        | Endosulfan I        | 4.9        | < 4.9 U   |
| 60-57-1         | Dieldrin            | 9.8        | < 9.8 U   |
| 72-55-9         | 4,4'-DDE            | 9.8        | < 9.8 U   |
| 72-20-8         | Endrin              | 9.8        | < 9.8 U   |
| 33213-65-9      | Endosulfan II       | 9.8        | < 9.8 U   |
| 72-54-8         | 4,4'-DDD            | 9.8        | < 9.8 U   |
| 1031-07-8       | Endosulfan Sulfate  | 9.8        | < 9.8 U   |
| 50-29-3         | 4,4'-DDT            | 12         | < 12 Y    |
| 72-43-5         | Methoxychlor        | 49         | < 49 U    |
| 53494-70-5      | Endrin Ketone       | 9.8        | < 9.8 U   |
| 7421-93-4       | Endrin Aldehyde     | 9.8        | < 9.8 U   |
| 5103-74-2       | gamma Chlordane     | 4.9        | < 4.9 U   |
| 5103-71-9       | alpha Chlordane     | 4.9        | < 4.9 U   |
| 8001-35-2       | Toxaphene           | 490        | < 490 U   |
| 118-74-1        | Hexachlorobenzene   | 4.9        | < 4.9 U   |
| 87-68-3         | Hexachlorobutadiene | 4.9        | < 4.9 U   |
| 789-02-6        | 2,4'-DDT            | 9.8        | < 9.8 U   |
| 3424-82-6       | 2,4'-DDE            | 9.8        | < 9.8 U   |
| 53-19-0         | 2,4'-DDD            | 9.8        | < 9.8 U   |
| 27304-13-8      | oxy Chlordane       | 9.8        | < 9.8 U   |
| 5103-73-1       | cis-Nonachlor       | 9.8        | < 9.8 U   |
| 39765-80-5      | trans-Nonachlor     | 9.8        | < 9.8 U   |
| 2385-85-5       | Mirex               | 9.8        | < 9.8 U   |

Reported in µg/kg (ppb)

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | NR    |
| Tetrachlorometaxylene | 99.4% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA Pesticides/PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC203-2-4  
**SAMPLE**

Lab Sample ID: JB96I  
 LIMS ID: 06-3350  
 Matrix: Sediment  
 Data Release Authorized:  
 Reported: 03/07/06 *AB*

QC Report No: JB96-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/18/06  
 Date Received: 02/18/06

Date Extracted: 02/28/06  
 Date Analyzed: 03/06/06 13:30  
 Instrument/Analyst: ECD4/YZ  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Florisil Cleanup: No  
 Acid Cleanup: No

Sample Amount: 25.7 g-dry-wt  
 Final Extract Volume: 5.0 mL  
 Dilution Factor: 5.00  
 Silica Gel: Yes  
 pH: 7.5  
 Percent Moisture: 45.9%

| CAS Number      | Analyte             | RL         | Result    |
|-----------------|---------------------|------------|-----------|
| 319-84-6        | alpha-BHC           | 4.9        | < 4.9 U   |
| 319-85-7        | beta-BHC            | 4.9        | < 4.9 U   |
| <b>319-86-8</b> | <b>delta-BHC</b>    | <b>4.9</b> | <b>29</b> |
| 58-89-9         | gamma-BHC (Lindane) | 4.9        | < 4.9 U   |
| 76-44-8         | Heptachlor          | 4.9        | < 4.9 U   |
| 309-00-2        | Aldrin              | 4.9        | < 4.9 U   |
| 1024-57-3       | Heptachlor Epoxide  | 4.9        | < 4.9 U   |
| 959-98-8        | Endosulfan I        | 4.9        | < 4.9 U   |
| 60-57-1         | Dieldrin            | 9.7        | < 9.7 U   |
| 72-55-9         | 4,4'-DDE            | 9.7        | < 9.7 U   |
| 72-20-8         | Endrin              | 9.7        | < 9.7 U   |
| 33213-65-9      | Endosulfan II       | 9.7        | < 9.7 U   |
| 72-54-8         | 4,4'-DDD            | 9.7        | < 9.7 U   |
| 1031-07-8       | Endosulfan Sulfate  | 9.7        | < 9.7 U   |
| 50-29-3         | 4,4'-DDT            | 9.7        | < 9.7 U   |
| 72-43-5         | Methoxychlor        | 49         | < 49 U    |
| 53494-70-5      | Endrin Ketone       | 9.7        | < 9.7 U   |
| 7421-93-4       | Endrin Aldehyde     | 9.7        | < 9.7 U   |
| 5103-74-2       | gamma Chlordane     | 4.9        | < 4.9 U   |
| 5103-71-9       | alpha Chlordane     | 4.9        | < 4.9 U   |
| 8001-35-2       | Toxaphene           | 490        | < 490 U   |
| 118-74-1        | Hexachlorobenzene   | 4.9        | < 4.9 U   |
| 87-68-3         | Hexachlorobutadiene | 4.9        | < 4.9 U   |
| 789-02-6        | 2,4'-DDT            | 9.7        | < 9.7 U   |
| 3424-82-6       | 2,4'-DDE            | 9.7        | < 9.7 U   |
| 53-19-0         | 2,4'-DDD            | 9.7        | < 9.7 U   |
| 27304-13-8      | oxy Chlordane       | 9.7        | < 9.7 U   |
| 5103-73-1       | cis-Nonachlor       | 9.7        | < 9.7 U   |
| 39765-80-5      | trans-Nonachlor     | 9.7        | < 9.7 U   |
| 2385-85-5       | Mirex               | 9.7        | < 9.7 U   |

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

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | NR    |
| Tetrachlorometaxylene | 85.1% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA Pesticides/PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC39-0-1  
SAMPLE

Lab Sample ID: JB82M  
LIMS ID: 06-3262  
Matrix: Sediment  
Data Release Authorized: *W*  
Reported: 03/30/06

QC Report No: JB82-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/16/06  
Date Received: 02/16/06

Date Extracted: 02/28/06  
Date Analyzed: 03/02/06 20:28  
Instrument/Analyst: ECD4/YZ  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Florisil Cleanup: No  
Acid Cleanup: No

Sample Amount: 18.5 g-dry-wt  
Final Extract Volume: 5.0 mL  
Dilution Factor: 1.00  
Silica Gel: Yes  
pH: 7.3  
Percent Moisture: 27.3%

| CAS Number | Analyte             | RL  | Result  |
|------------|---------------------|-----|---------|
| 319-84-6   | alpha-BHC           | 1.4 | < 1.4 U |
| 319-85-7   | beta-BHC            | 1.4 | < 1.4 U |
| 319-86-8   | delta-BHC           | 1.4 | < 1.4 U |
| 58-89-9    | gamma-BHC (Lindane) | 1.4 | < 1.4 U |
| 76-44-8    | Heptachlor          | 1.4 | < 1.4 U |
| 309-00-2   | Aldrin              | 1.4 | < 1.4 U |
| 1024-57-3  | Heptachlor Epoxide  | 4.3 | < 4.3 Y |
| 959-98-8   | Endosulfan I        | 1.4 | < 1.4 U |
| 60-57-1    | Dieldrin            | 2.7 | < 2.7 U |
| 72-55-9    | 4,4'-DDE            | 2.7 | < 2.7 U |
| 72-20-8    | Endrin              | 2.7 | < 2.7 U |
| 33213-65-9 | Endosulfan II       | 2.7 | < 2.7 U |
| 72-54-8    | 4,4'-DDD            | 2.7 | < 2.7 U |
| 1031-07-8  | Endosulfan Sulfate  | 2.7 | < 2.7 U |
| 50-29-3    | 4,4'-DDT            | 8.9 | < 8.9 Y |
| 72-43-5    | Methoxychlor        | 14  | < 14 U  |
| 53494-70-5 | Endrin Ketone       | 2.7 | < 2.7 U |
| 7421-93-4  | Endrin Aldehyde     | 2.7 | < 2.7 U |
| 5103-74-2  | gamma Chlordane     | 1.4 | < 1.4 U |
| 5103-71-9  | alpha Chlordane     | 1.4 | < 1.4 U |
| 8001-35-2  | Toxaphene           | 140 | < 140 U |
| 118-74-1   | Hexachlorobenzene   | 1.4 | < 1.4 U |
| 87-68-3    | Hexachlorobutadiene | 1.4 | < 1.4 U |
| 789-02-6   | 2,4'-DDT            | 2.7 | < 2.7 U |
| 3424-82-6  | 2,4'-DDE            | 2.7 | < 2.7 U |
| 53-19-0    | 2,4'-DDD            | 2.7 | < 2.7 U |
| 27304-13-8 | oxy Chlordane       | 2.7 | < 2.7 U |
| 5103-73-1  | cis-Nonachlor       | 2.7 | < 2.7 U |
| 39765-80-5 | trans-Nonachlor     | 2.7 | < 2.7 U |
| 2385-85-5  | Mirex               | 2.7 | < 2.7 U |

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

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 97.2% |
| Tetrachlorometaxylene | 78.2% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA Pesticides/PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC39-1-2  
SAMPLE

Lab Sample ID: JB82N  
LIMS ID: 06-3263  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/07/06

QC Report No: JB82-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/16/06  
Date Received: 02/16/06

Date Extracted: 02/28/06  
Date Analyzed: 03/02/06 20:53  
Instrument/Analyst: ECD4/YZ  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Florisil Cleanup: No  
Acid Cleanup: No

Sample Amount: 25.4 g-dry-wt  
Final Extract Volume: 5.0 mL  
Dilution Factor: 1.00  
Silica Gel: Yes  
pH: 7.0  
Percent Moisture: 24.2%

| CAS Number | Analyte             | RL   | Result   |
|------------|---------------------|------|----------|
| 319-84-6   | alpha-BHC           | 0.98 | < 0.98 U |
| 319-85-7   | beta-BHC            | 0.98 | < 0.98 U |
| 319-86-8   | delta-BHC           | 0.98 | < 0.98 U |
| 58-89-9    | gamma-BHC (Lindane) | 0.98 | < 0.98 U |
| 76-44-8    | Heptachlor          | 0.98 | < 0.98 U |
| 309-00-2   | Aldrin              | 0.98 | < 0.98 U |
| 1024-57-3  | Heptachlor Epoxide  | 7.6  | < 7.6 Y  |
| 959-98-8   | Endosulfan I        | 0.98 | < 0.98 U |
| 60-57-1    | Dieldrin            | 5.3  | < 5.3 Y  |
| 72-55-9    | 4,4'-DDE            | 10   | < 10 Y   |
| 72-20-8    | Endrin              | 7.6  | < 7.6 Y  |
| 33213-65-9 | Endosulfan II       | 5.2  | < 5.2 Y  |
| 72-54-8    | 4,4'-DDD            | 26   | < 26 Y   |
| 1031-07-8  | Endosulfan Sulfate  | 8.6  | < 8.6 Y  |
| 50-29-3    | 4,4'-DDT            | 22   | < 22 Y   |
| 72-43-5    | Methoxychlor        | 9.8  | < 9.8 U  |
| 53494-70-5 | Endrin Ketone       | 2.0  | < 2.0 U  |
| 7421-93-4  | Endrin Aldehyde     | 2.0  | < 2.0 U  |
| 5103-74-2  | gamma Chlordane     | 0.98 | < 0.98 U |
| 5103-71-9  | alpha Chlordane     | 0.98 | < 0.98 U |
| 8001-35-2  | Toxaphene           | 98   | < 98 U   |
| 118-74-1   | Hexachlorobenzene   | 0.98 | < 0.98 U |
| 87-68-3    | Hexachlorobutadiene | 0.98 | < 0.98 U |
| 789-02-6   | 2,4'-DDT            | 2.0  | < 2.0 U  |
| 3424-82-6  | 2,4'-DDE            | 7.4  | < 7.4 Y  |
| 53-19-0    | 2,4'-DDD            | 2.0  | < 2.0 U  |
| 27304-13-8 | oxy Chlordane       | 2.0  | < 2.0 U  |
| 5103-73-1  | cis-Nonachlor       | 2.0  | < 2.0 U  |
| 39765-80-5 | trans-Nonachlor     | 2.0  | < 2.0 U  |
| 2385-85-5  | Mirex               | 2.0  | < 2.0 U  |

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

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 85.5% |
| Tetrachlorometaxylene | 76.2% |



**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA Pesticides/PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC39-2-4  
 SAMPLE

Lab Sample ID: JB820  
 LIMS ID: 06-3264  
 Matrix: Sediment  
 Data Release Authorized: *[Signature]*  
 Reported: 03/07/06

QC Report No: JB82-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/16/06  
 Date Received: 02/16/06

Date Extracted: 02/28/06  
 Date Analyzed: 03/02/06 21:17  
 Instrument/Analyst: ECD4/YZ  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Florisil Cleanup: No  
 Acid Cleanup: No

Sample Amount: 25.6 g-dry-wt  
 Final Extract Volume: 5.0 mL  
 Dilution Factor: 1.00  
 Silica Gel: Yes  
 pH: 7.5  
 Percent Moisture: 31.9%

| CAS Number | Analyte             | RL   | Result   |
|------------|---------------------|------|----------|
| 319-84-6   | alpha-BHC           | 0.98 | < 0.98 U |
| 319-85-7   | beta-BHC            | 0.98 | < 0.98 U |
| 319-86-8   | delta-BHC           | 0.98 | < 0.98 U |
| 58-89-9    | gamma-BHC (Lindane) | 0.98 | < 0.98 U |
| 76-44-8    | Heptachlor          | 0.98 | < 0.98 U |
| 309-00-2   | Aldrin              | 0.98 | < 0.98 U |
| 1024-57-3  | Heptachlor Epoxide  | 4.6  | < 4.6 Y  |
| 959-98-8   | Endosulfan I        | 0.98 | < 0.98 U |
| 60-57-1    | Dieldrin            | 2.0  | < 2.0 U  |
| 72-55-9    | 4,4'-DDE            | 6.9  | < 6.9 Y  |
| 72-20-8    | Endrin              | 2.0  | < 2.0 U  |
| 33213-65-9 | Endosulfan II       | 2.0  | < 2.0 U  |
| 72-54-8    | 4,4'-DDD            | 5.0  | < 5.0 Y  |
| 1031-07-8  | Endosulfan Sulfate  | 3.4  | < 3.4 Y  |
| 50-29-3    | 4,4'-DDT            | 13   | < 13 Y   |
| 72-43-5    | Methoxychlor        | 9.8  | < 9.8 U  |
| 53494-70-5 | Endrin Ketone       | 2.0  | < 2.0 U  |
| 7421-93-4  | Endrin Aldehyde     | 2.0  | < 2.0 U  |
| 5103-74-2  | gamma Chlordane     | 0.98 | < 0.98 U |
| 5103-71-9  | alpha Chlordane     | 0.98 | < 0.98 U |
| 8001-35-2  | Toxaphene           | 98   | < 98 U   |
| 118-74-1   | Hexachlorobenzene   | 0.98 | < 0.98 U |
| 87-68-3    | Hexachlorobutadiene | 0.98 | < 0.98 U |
| 789-02-6   | 2,4'-DDT            | 2.0  | < 2.0 U  |
| 3424-82-6  | 2,4'-DDE            | 2.0  | < 2.0 U  |
| 53-19-0    | 2,4'-DDD            | 2.0  | < 2.0 U  |
| 27304-13-8 | oxy Chlordane       | 2.0  | < 2.0 U  |
| 5103-73-1  | cis-Nonachlor       | 2.0  | < 2.0 U  |
| 39765-80-5 | trans-Nonachlor     | 2.0  | < 2.0 U  |
| 2385-85-5  | Mirex               | 2.0  | < 2.0 U  |


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

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 81.8% |
| Tetrachlorometaxylene | 78.0% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA Pesticides/PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC40-0-1.3  
SAMPLE

Lab Sample ID: JC42A  
LIMS ID: 06-3816  
Matrix: Sediment  
Data Release Authorized:   
Reported: 03/14/06

QC Report No: JC42-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/24/06  
Date Received: 02/24/06

Date Extracted: 03/09/06  
Date Analyzed: 03/13/06 17:28  
Instrument/Analyst: ECD3/YZ  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Florisil Cleanup: No  
Acid Cleanup: No

Sample Amount: 25.1 g-dry-wt  
Final Extract Volume: 5.0 mL  
Dilution Factor: 1.00  
Silica Gel: Yes  
pH: 6.7  
Percent Moisture: 24.2%

| CAS Number | Analyte             | RL  | Result  |
|------------|---------------------|-----|---------|
| 319-84-6   | alpha-BHC           | 1.0 | < 1.0 U |
| 319-85-7   | beta-BHC            | 1.0 | < 1.0 U |
| 319-86-8   | delta-BHC           | 1.0 | < 1.0 U |
| 58-89-9    | gamma-BHC (Lindane) | 1.0 | < 1.0 U |
| 76-44-8    | Heptachlor          | 1.8 | < 1.8 Y |
| 309-00-2   | Aldrin              | 1.0 | < 1.0 U |
| 1024-57-3  | Heptachlor Epoxide  | 1.0 | < 1.0 U |
| 959-98-8   | Endosulfan I        | 1.0 | < 1.0 U |
| 60-57-1    | Dieldrin            | 2.0 | < 2.0 U |
| 72-55-9    | 4,4'-DDE            | 4.7 | < 4.7 Y |
| 72-20-8    | Endrin              | 2.0 | < 2.0 U |
| 33213-65-9 | Endosulfan II       | 2.0 | < 2.0 U |
| 72-54-8    | 4,4'-DDD            | 2.0 | < 2.0 U |
| 1031-07-8  | Endosulfan Sulfate  | 2.0 | < 2.0 U |
| 50-29-3    | 4,4'-DDT            | 7.2 | < 7.2 Y |
| 72-43-5    | Methoxychlor        | 10  | < 10 U  |
| 53494-70-5 | Endrin Ketone       | 2.0 | < 2.0 U |
| 7421-93-4  | Endrin Aldehyde     | 2.0 | < 2.0 U |
| 5103-74-2  | gamma Chlordane     | 1.0 | < 1.0 U |
| 5103-71-9  | alpha Chlordane     | 1.0 | < 1.0 U |
| 8001-35-2  | Toxaphene           | 100 | < 100 U |
| 118-74-1   | Hexachlorobenzene   | 1.0 | < 1.0 U |
| 87-68-3    | Hexachlorobutadiene | 1.0 | < 1.0 U |
| 789-02-6   | 2,4'-DDT            | 2.0 | < 2.0 U |
| 3424-82-6  | 2,4'-DDE            | 2.0 | < 2.0 U |
| 53-19-0    | 2,4'-DDD            | 2.0 | < 2.0 U |
| 27304-13-8 | oxy Chlordane       | 2.0 | < 2.0 U |
| 5103-73-1  | cis-Nonachlor       | 3.3 | < 3.3 Y |
| 39765-80-5 | trans-Nonachlor     | 2.0 | < 2.0 U |
| 2385-85-5  | Mirex               | 2.0 | < 2.0 U |

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

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 76.8% |
| Tetrachlorometaxylene | 70.8% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA Pesticides/PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC40-1.3-2  
SAMPLE

Lab Sample ID: JC42B  
LIMS ID: 06-3817  
Matrix: Sediment  
Data Release Authorized: *MB*  
Reported: 03/14/06

QC Report No: JC42-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/24/06  
Date Received: 02/24/06

Date Extracted: 03/09/06  
Date Analyzed: 03/13/06 18:01  
Instrument/Analyst: ECD3/YZ  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Florisil Cleanup: No  
Acid Cleanup: No

Sample Amount: 25.3 g-dry-wt  
Final Extract Volume: 5.0 mL  
Dilution Factor: 1.00  
Silica Gel: Yes  
pH: 6.9  
Percent Moisture: 19.3%

| CAS Number | Analyte             | RL   | Result   |
|------------|---------------------|------|----------|
| 319-84-6   | alpha-BHC           | 0.99 | < 0.99 U |
| 319-85-7   | beta-BHC            | 0.99 | < 0.99 U |
| 319-86-8   | delta-BHC           | 0.99 | < 0.99 U |
| 58-89-9    | gamma-BHC (Lindane) | 0.99 | < 0.99 U |
| 76-44-8    | Heptachlor          | 0.99 | < 0.99 U |
| 309-00-2   | Aldrin              | 0.99 | < 0.99 U |
| 1024-57-3  | Heptachlor Epoxide  | 0.99 | < 0.99 U |
| 959-98-8   | Endosulfan I        | 0.99 | < 0.99 U |
| 60-57-1    | Dieldrin            | 2.0  | < 2.0 U  |
| 72-55-9    | 4,4'-DDE            | 2.0  | < 2.0 U  |
| 72-20-8    | Endrin              | 2.0  | < 2.0 U  |
| 33213-65-9 | Endosulfan II       | 2.0  | < 2.0 U  |
| 72-54-8    | 4,4'-DDD            | 2.0  | < 2.0 U  |
| 1031-07-8  | Endosulfan Sulfate  | 2.0  | < 2.0 U  |
| 50-29-3    | 4,4'-DDT            | 2.0  | < 2.0 U  |
| 72-43-5    | Methoxychlor        | 9.9  | < 9.9 U  |
| 53494-70-5 | Endrin Ketone       | 2.0  | < 2.0 U  |
| 7421-93-4  | Endrin Aldehyde     | 2.0  | < 2.0 U  |
| 5103-74-2  | gamma Chlordane     | 0.99 | < 0.99 U |
| 5103-71-9  | alpha Chlordane     | 0.99 | < 0.99 U |
| 8001-35-2  | Toxaphene           | 99   | < 99 U   |
| 118-74-1   | Hexachlorobenzene   | 0.99 | < 0.99 U |
| 87-68-3    | Hexachlorobutadiene | 0.99 | < 0.99 U |
| 789-02-6   | 2,4'-DDT            | 2.0  | < 2.0 U  |
| 3424-82-6  | 2,4'-DDE            | 2.0  | < 2.0 U  |
| 53-19-0    | 2,4'-DDD            | 2.0  | < 2.0 U  |
| 27304-13-8 | oxy Chlordane       | 2.0  | < 2.0 U  |
| 5103-73-1  | cis-Nonachlor       | 2.0  | < 2.0 U  |
| 39765-80-5 | trans-Nonachlor     | 2.0  | < 2.0 U  |
| 2385-85-5  | Mirex               | 2.0  | < 2.0 U  |

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

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 83.8% |
| Tetrachlorometaxylene | 86.0% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA Pesticides/PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC40-2-4  
SAMPLE

Lab Sample ID: JC42C  
LIMS ID: 06-3818  
Matrix: Sediment  
Data Release Authorized: *AB*  
Reported: 03/14/06

QC Report No: JC42-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/24/06  
Date Received: 02/24/06

Date Extracted: 03/09/06  
Date Analyzed: 03/13/06 18:33  
Instrument/Analyst: ECD3/YZ  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Florisil Cleanup: No  
Acid Cleanup: No

Sample Amount: 25.6 g-dry-wt  
Final Extract Volume: 5.0 mL  
Dilution Factor: 1.00  
Silica Gel: Yes  
pH: 7.1  
Percent Moisture: 20.3%

| CAS Number | Analyte             | RL   | Result   |
|------------|---------------------|------|----------|
| 319-84-6   | alpha-BHC           | 0.98 | < 0.98 U |
| 319-85-7   | beta-BHC            | 0.98 | < 0.98 U |
| 319-86-8   | delta-BHC           | 0.98 | < 0.98 U |
| 58-89-9    | gamma-BHC (Lindane) | 0.98 | < 0.98 U |
| 76-44-8    | Heptachlor          | 0.98 | < 0.98 U |
| 309-00-2   | Aldrin              | 0.98 | < 0.98 U |
| 1024-57-3  | Heptachlor Epoxide  | 0.98 | < 0.98 U |
| 959-98-8   | Endosulfan I        | 0.98 | < 0.98 U |
| 60-57-1    | Dieldrin            | 2.0  | < 2.0 U  |
| 72-55-9    | 4,4'-DDE            | 2.0  | < 2.0 U  |
| 72-20-8    | Endrin              | 2.0  | < 2.0 U  |
| 33213-65-9 | Endosulfan II       | 2.0  | < 2.0 U  |
| 72-54-8    | 4,4'-DDD            | 2.0  | < 2.0 U  |
| 1031-07-8  | Endosulfan Sulfate  | 2.0  | < 2.0 U  |
| 50-29-3    | 4,4'-DDT            | 2.0  | < 2.0 U  |
| 72-43-5    | Methoxychlor        | 9.8  | < 9.8 U  |
| 53494-70-5 | Endrin Ketone       | 2.0  | < 2.0 U  |
| 7421-93-4  | Endrin Aldehyde     | 2.0  | < 2.0 U  |
| 5103-74-2  | gamma Chlordane     | 0.98 | < 0.98 U |
| 5103-71-9  | alpha Chlordane     | 0.98 | < 0.98 U |
| 8001-35-2  | Toxaphene           | 98   | < 98 U   |
| 118-74-1   | Hexachlorobenzene   | 0.98 | < 0.98 U |
| 87-68-3    | Hexachlorobutadiene | 0.98 | < 0.98 U |
| 789-02-6   | 2,4'-DDT            | 2.0  | < 2.0 U  |
| 3424-82-6  | 2,4'-DDE            | 2.0  | < 2.0 U  |
| 53-19-0    | 2,4'-DDD            | 2.0  | < 2.0 U  |
| 27304-13-8 | oxy Chlordane       | 2.0  | < 2.0 U  |
| 5103-73-1  | cis-Nonachlor       | 2.0  | < 2.0 U  |
| 39765-80-5 | trans-Nonachlor     | 2.0  | < 2.0 U  |
| 2385-85-5  | Mirex               | 2.0  | < 2.0 U  |

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

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 85.0% |
| Tetrachlorometaxylene | 88.0% |

Sample ID: LDW-SC53-0-2  
 SAMPLE

Lab Sample ID: JA64A  
 LIMS ID: 06-2143  
 Matrix: Sediment  
 Data Release Authorized:  
 Reported: 02/24/06

QC Report No: JA64-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chemistr  
 05-08-06-32  
 Date Sampled: 02/07/06  
 Date Received: 02/07/06

Date Extracted: 02/16/06  
 Date Analyzed: 02/22/06 18:53  
 Instrument/Analyst: ECD4/YZ  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Florisil Cleanup: No  
 Acid Cleanup: No

Sample Amount: 25.1 g-dry-wt  
 Final Extract Volume: 5.0 mL  
 Dilution Factor: 1.00  
 Silica Gel: Yes  
 pH: 6.7  
 Percent Moisture: 54.3%

| CAS Number | Analyte             | RL   | Result  |
|------------|---------------------|------|---------|
| 319-84-6   | alpha-BHC           | 0.99 | < 1.0 U |
| 319-85-7   | beta-BHC            | 0.99 | < 1.0 U |
| 319-86-8   | delta-BHC           | 1.1  | < 1.1 Y |
| 58-89-9    | gamma-BHC (Lindane) | 0.99 | < 1.0 U |
| 76-44-8    | Heptachlor          | 0.99 | < 1.0 U |
| 309-00-2   | Aldrin              | 0.99 | < 1.0 U |
| 1024-57-3  | Heptachlor Epoxide  | 0.99 | < 1.0 U |
| 959-98-8   | Endosulfan I        | 0.99 | < 1.0 U |
| 60-57-1    | Dieldrin            | 2.0  | < 2.0 U |
| 72-55-9    | 4,4'-DDE            | 2.0  | < 2.0 U |
| 72-20-8    | Endrin              | 2.0  | < 2.0 U |
| 33213-65-9 | Endosulfan II       | 2.0  | < 2.0 U |
| 72-54-8    | 4,4'-DDD            | 2.0  | < 2.0 U |
| 1031-07-8  | Endosulfan Sulfate  | 2.0  | < 2.0 U |
| 50-29-3    | 4,4'-DDT            | 5.3  | < 5.3 Y |
| 72-43-5    | Methoxychlor        | 9.9  | < 10 U  |
| 53494-70-5 | Endrin Ketone       | 2.0  | < 2.0 U |
| 7421-93-4  | Endrin Aldehyde     | 2.0  | < 2.0 U |
| 5103-74-2  | gamma Chlordane     | 2.0  | < 2.0 Y |
| 5103-71-9  | alpha Chlordane     | 0.99 | < 1.0 U |
| 8001-35-2  | Toxaphene           | 99   | < 100 U |
| 118-74-1   | Hexachlorobenzene   | 0.99 | < 1.0 U |
| 87-68-3    | Hexachlorobutadiene | 0.99 | < 1.0 U |
| 789-02-6   | 2,4'-DDT            | 2.0  | < 2.0 U |
| 3424-82-6  | 2,4'-DDE            | 2.0  | < 2.0 U |
| 53-19-0    | 2,4'-DDD            | 2.0  | < 2.0 U |
| 27304-13-8 | oxy Chlordane       | 2.0  | < 2.0 U |
| 5103-73-1  | cis-Nonachlor       | 2.0  | < 2.0 U |
| 39765-80-5 | trans-Nonachlor     | 2.0  | < 2.0 U |
| 2385-85-5  | Mirex               | 2.0  | < 2.0 U |

Reported in µg/kg (ppb)

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 77.8% |
| Tetrachlorometaxylene | 64.0% |

**ORGANICS ANALYSIS DATA SHEET**  
**PSDDA Pesticides/PCB by GC/ECD**  
 Page 1 of 1

Sample ID: LDW-SC53-2-4  
**SAMPLE**

Lab Sample ID: JA64B  
 LIMS ID: 06-2144  
 Matrix: Sediment  
 Data Release Authorized: *AS*  
 Reported: 02/24/06

QC Report No: JA64-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chemistr  
 05-08-06-32  
 Date Sampled: 02/07/06  
 Date Received: 02/07/06

Date Extracted: 02/16/06  
 Date Analyzed: 02/22/06 19:17  
 Instrument/Analyst: ECD4/YZ  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Florisil Cleanup: No  
 Acid Cleanup: No

Sample Amount: 25.6 g-dry-wt  
 Final Extract Volume: 5.0 mL  
 Dilution Factor: 1.00  
 Silica Gel: Yes  
 pH: 7.4  
 Percent Moisture: 52.3%

| CAS Number | Analyte             | RL   | Result   |
|------------|---------------------|------|----------|
| 319-84-6   | alpha-BHC           | 0.98 | < 0.98 U |
| 319-85-7   | beta-BHC            | 0.98 | < 0.98 U |
| 319-86-8   | delta-BHC           | 0.98 | < 0.98 U |
| 58-89-9    | gamma-BHC (Lindane) | 0.98 | < 0.98 U |
| 76-44-8    | Heptachlor          | 0.98 | < 0.98 U |
| 309-00-2   | Aldrin              | 0.98 | < 0.98 U |
| 1024-57-3  | Heptachlor Epoxide  | 0.98 | < 0.98 U |
| 959-98-8   | Endosulfan I        | 0.98 | < 0.98 U |
| 60-57-1    | Dieldrin            | 2.0  | < 2.0 U  |
| 72-55-9    | 4,4'-DDE            | 2.0  | < 2.0 U  |
| 72-20-8    | Endrin              | 2.0  | < 2.0 U  |
| 33213-65-9 | Endosulfan II       | 2.0  | < 2.0 U  |
| 72-54-8    | 4,4'-DDD            | 4.5  | < 4.5 Y  |
| 1031-07-8  | Endosulfan Sulfate  | 2.0  | < 2.0 U  |
| 50-29-3    | 4,4'-DDT            | 6.3  | < 6.3 Y  |
| 72-43-5    | Methoxychlor        | 9.8  | < 9.8 U  |
| 53494-70-5 | Endrin Ketone       | 2.0  | < 2.0 U  |
| 7421-93-4  | Endrin Aldehyde     | 2.0  | < 2.0 U  |
| 5103-74-2  | gamma Chlordane     | 2.0  | < 2.0 Y  |
| 5103-71-9  | alpha Chlordane     | 1.6  | < 1.6 Y  |
| 8001-35-2  | Toxaphene           | 98   | < 98 U   |
| 118-74-1   | Hexachlorobenzene   | 0.98 | < 0.98 U |
| 87-68-3    | Hexachlorobutadiene | 0.98 | < 0.98 U |
| 789-02-6   | 2,4'-DDT            | 2.0  | < 2.0 U  |
| 3424-82-6  | 2,4'-DDE            | 2.0  | < 2.0 U  |
| 53-19-0    | 2,4'-DDD            | 2.0  | < 2.0 U  |
| 27304-13-8 | oxy Chlordane       | 3.8  | < 3.8 Y  |
| 5103-73-1  | cis-Nonachlor       | 2.0  | < 2.0 U  |
| 39765-80-5 | trans-Nonachlor     | 2.0  | < 2.0 U  |
| 2385-85-5  | Mirex               | 2.0  | < 2.0 U  |

Reported in µg/kg (ppb)

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 102%  |
| Tetrachlorometaxylene | 66.2% |

Sample ID: LDW-SC54-0-2  
 SAMPLE

Lab Sample ID: JC32R  
 LIMS ID: 06-3698  
 Matrix: Sediment  
 Data Release Authorized:  
 Reported: 03/14/06

QC Report No: JC32-Windward Environmental, LLC  
 Project: LDW RI-Subsurface Sediment Chem  
 05-08-06-32  
 Date Sampled: 02/23/06  
 Date Received: 02/23/06

Date Extracted: 03/09/06  
 Date Analyzed: 03/13/06 16:24  
 Instrument/Analyst: ECD3/YZ  
 GPC Cleanup: No  
 Sulfur Cleanup: Yes  
 Florisil Cleanup: No  
 Acid Cleanup: No

Sample Amount: 25.5 g-dry-wt  
 Final Extract Volume: 5.0 mL  
 Dilution Factor: 1.00  
 Silica Gel: Yes  
 pH: 7.2  
 Percent Moisture: 48.2%

| CAS Number | Analyte             | RL   | Result   |
|------------|---------------------|------|----------|
| 319-84-6   | alpha-BHC           | 0.98 | < 0.98 U |
| 319-85-7   | beta-BHC            | 0.98 | < 0.98 U |
| 319-86-8   | delta-BHC           | 0.98 | < 0.98 U |
| 58-89-9    | gamma-BHC (Lindane) | 0.98 | < 0.98 U |
| 76-44-8    | Heptachlor          | 10   | < 10 Y   |
| 309-00-2   | Aldrin              | 0.98 | < 0.98 U |
| 1024-57-3  | Heptachlor Epoxide  | 0.98 | < 0.98 U |
| 959-98-8   | Endosulfan I        | 0.98 | < 0.98 U |
| 60-57-1    | Dieldrin            | 2.0  | < 2.0 U  |
| 72-55-9    | 4,4'-DDE            | 2.0  | < 2.0 U  |
| 72-20-8    | Endrin              | 2.0  | < 2.0 U  |
| 33213-65-9 | Endosulfan II       | 2.0  | < 2.0 U  |
| 72-54-8    | 4,4'-DDD            | 2.0  | < 2.0 U  |
| 1031-07-8  | Endosulfan Sulfate  | 2.0  | < 2.0 U  |
| 50-29-3    | 4,4'-DDT            | 3.2  | < 3.2 Y  |
| 72-43-5    | Methoxychlor        | 9.8  | < 9.8 U  |
| 53494-70-5 | Endrin Ketone       | 2.0  | < 2.0 U  |
| 7421-93-4  | Endrin Aldehyde     | 2.0  | < 2.0 U  |
| 5103-74-2  | gamma Chlordane     | 0.98 | < 0.98 U |
| 5103-71-9  | alpha Chlordane     | 0.98 | < 0.98 U |
| 8001-35-2  | Toxaphene           | 98   | < 98 U   |
| 118-74-1   | Hexachlorobenzene   | 0.98 | < 0.98 U |
| 87-68-3    | Hexachlorobutadiene | 0.98 | < 0.98 U |
| 789-02-6   | 2,4'-DDT            | 2.0  | < 2.0 U  |
| 3424-82-6  | 2,4'-DDE            | 2.0  | < 2.0 U  |
| 53-19-0    | 2,4'-DDD            | 2.0  | < 2.0 U  |
| 27304-13-8 | oxy Chlordane       | 2.0  | < 2.0 U  |
| 5103-73-1  | cis-Nonachlor       | 2.0  | < 2.0 U  |
| 39765-80-5 | trans-Nonachlor     | 2.0  | < 2.0 U  |
| 2385-85-5  | Mirex               | 2.0  | < 2.0 U  |

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

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 88.0% |
| Tetrachlorometaxylene | 75.2% |

ORGANICS ANALYSIS DATA SHEET  
PSDDA Pesticides/PCB by GC/ECD  
Page 1 of 1

Sample ID: LDW-SC54-2-4  
SAMPLE

Lab Sample ID: JC32S  
LIMS ID: 06-3699  
Matrix: Sediment  
Data Release Authorized:  
Reported: 03/14/06

QC Report No: JC32-Windward Environmental, LLC  
Project: LDW RI-Subsurface Sediment Chem  
05-08-06-32  
Date Sampled: 02/23/06  
Date Received: 02/23/06

Date Extracted: 03/09/06  
Date Analyzed: 03/13/06 16:56  
Instrument/Analyst: ECD3/YZ  
GPC Cleanup: No  
Sulfur Cleanup: Yes  
Florisil Cleanup: No  
Acid Cleanup: No

Sample Amount: 25.3 g-dry-wt  
Final Extract Volume: 5.0 mL  
Dilution Factor: 1.00  
Silica Gel: Yes  
pH: 7.6  
Percent Moisture: 47.7%

| CAS Number | Analyte             | RL   | Result   |
|------------|---------------------|------|----------|
| 319-84-6   | alpha-BHC           | 0.99 | < 0.99 U |
| 319-85-7   | beta-BHC            | 0.99 | < 0.99 U |
| 319-86-8   | delta-BHC           | 0.99 | < 0.99 U |
| 58-89-9    | gamma-BHC (Lindane) | 0.99 | < 0.99 U |
| 76-44-8    | Heptachlor          | 1.6  | < 1.6 Y  |
| 309-00-2   | Aldrin              | 0.99 | < 0.99 U |
| 1024-57-3  | Heptachlor Epoxide  | 0.99 | < 0.99 U |
| 959-98-8   | Endosulfan I        | 0.99 | < 0.99 U |
| 60-57-1    | Dieldrin            | 2.0  | < 2.0 U  |
| 72-55-9    | 4,4'-DDE            | 2.0  | < 2.0 U  |
| 72-20-8    | Endrin              | 2.0  | < 2.0 U  |
| 33213-65-9 | Endosulfan II       | 2.0  | < 2.0 U  |
| 72-54-8    | 4,4'-DDD            | 2.0  | < 2.0 U  |
| 1031-07-8  | Endosulfan Sulfate  | 2.0  | < 2.0 U  |
| 50-29-3    | 4,4'-DDT            | 2.0  | < 2.0 U  |
| 72-43-5    | Methoxychlor        | 9.9  | < 9.9 U  |
| 53494-70-5 | Endrin Ketone       | 2.0  | < 2.0 U  |
| 7421-93-4  | Endrin Aldehyde     | 2.0  | < 2.0 U  |
| 5103-74-2  | gamma Chlordane     | 0.99 | < 0.99 U |
| 5103-71-9  | alpha Chlordane     | 0.99 | < 0.99 U |
| 8001-35-2  | Toxaphene           | 99   | < 99 U   |
| 118-74-1   | Hexachlorobenzene   | 0.99 | < 0.99 U |
| 87-68-3    | Hexachlorobutadiene | 0.99 | < 0.99 U |
| 789-02-6   | 2,4'-DDT            | 2.0  | < 2.0 U  |
| 3424-82-6  | 2,4'-DDE            | 2.0  | < 2.0 U  |
| 53-19-0    | 2,4'-DDD            | 2.0  | < 2.0 U  |
| 27304-13-8 | oxy Chlordane       | 2.0  | < 2.0 U  |
| 5103-73-1  | cis-Nonachlor       | 2.0  | < 2.0 U  |
| 39765-80-5 | trans-Nonachlor     | 2.0  | < 2.0 U  |
| 2385-85-5  | Mirex               | 2.0  | < 2.0 U  |

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

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 104%  |
| Tetrachlorometaxylene | 79.2% |



**ORGANICS ANALYSIS DATA SHEET**

Pesticides by GC/ECD

Page 1 of 1

Sample ID: LDW-SC-RB1

SAMPLE

Lab Sample ID: JA90A

LIMS ID: 06-2355

Matrix: Water

Data Release Authorized:

Reported: 02/24/06

QC Report No: JA90-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/08/06

Date Received: 02/08/06

Date Extracted: 02/14/06

Date Analyzed: 02/16/06 15:29

Instrument/Analyst: ECD4/YZ

GPC Cleanup: No

Sulfur Cleanup: Yes

Sample Amount: 500 mL

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

pH: 6.5

Florisil Cleanup: No

Silica Gel: No

| CAS Number | Analyte             | RL    | Result    |
|------------|---------------------|-------|-----------|
| 319-84-6   | alpha-BHC           | 0.050 | < 0.050 U |
| 319-85-7   | beta-BHC            | 0.050 | < 0.050 U |
| 319-86-8   | delta-BHC           | 0.050 | < 0.050 U |
| 58-89-9    | gamma-BHC (Lindane) | 0.050 | < 0.050 U |
| 76-44-8    | Heptachlor          | 0.050 | < 0.050 U |
| 309-00-2   | Aldrin              | 0.050 | < 0.050 U |
| 1024-57-3  | Heptachlor Epoxide  | 0.050 | < 0.050 U |
| 959-98-8   | Endosulfan I        | 0.050 | < 0.050 U |
| 60-57-1    | Dieldrin            | 0.10  | < 0.10 U  |
| 72-55-9    | 4,4'-DDE            | 0.10  | < 0.10 U  |
| 72-20-8    | Endrin              | 0.10  | < 0.10 U  |
| 33213-65-9 | Endosulfan II       | 0.10  | < 0.10 U  |
| 72-54-8    | 4,4'-DDD            | 0.10  | < 0.10 U  |
| 1031-07-8  | Endosulfan Sulfate  | 0.10  | < 0.10 U  |
| 50-29-3    | 4,4'-DDT            | 0.10  | < 0.10 U  |
| 72-43-5    | Methoxychlor        | 0.50  | < 0.50 U  |
| 53494-70-5 | Endrin Ketone       | 0.10  | < 0.10 U  |
| 7421-93-4  | Endrin Aldehyde     | 0.10  | < 0.10 U  |
| 5103-74-2  | gamma Chlordane     | 0.050 | < 0.050 U |
| 5103-71-9  | alpha Chlordane     | 0.050 | < 0.050 U |
| 8001-35-2  | Toxaphene           | 5.0   | < 5.0 U   |
| 118-74-1   | Hexachlorobenzene   | 0.050 | < 0.050 U |
| 87-68-3    | Hexachlorobutadiene | 0.050 | < 0.050 U |
| 789-02-6   | 2,4'-DDT            | 0.10  | < 0.10 U  |
| 3424-82-6  | 2,4'-DDE            | 0.10  | < 0.10 U  |
| 53-19-0    | 2,4'-DDD            | 0.10  | < 0.10 U  |
| 27304-13-8 | oxy Chlordane       | 0.10  | < 0.10 U  |
| 5103-73-1  | cis-Nonachlor       | 0.10  | < 0.10 U  |
| 39765-80-5 | trans-Nonachlor     | 0.10  | < 0.10 U  |
| 2385-85-5  | Mirex               | 0.10  | < 0.10 U  |

Reported in µg/L (ppb)

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 34.0% |
| Tetrachlorometaxylene | 82.2% |

**ORGANICS ANALYSIS DATA SHEET**

Pesticides by GC/ECD

Page 1 of 1

Sample ID: LDW-SC-RB2

SAMPLE

Lab Sample ID: JB46L

LIMS ID: 06-2927

Matrix: Water

Data Release Authorized: *AS*

Reported: 03/01/06

QC Report No: JB46-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/14/06

Date Received: 02/14/06

Date Extracted: 02/21/06

Date Analyzed: 02/28/06 03:13

Instrument/Analyst: ECD4/YZ

GPC Cleanup: No

Sulfur Cleanup: Yes

Sample Amount: 500 mL

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

pH: 6.4

Florisil Cleanup: No

Silica Gel: No

| CAS Number | Analyte             | RL    | Result    |
|------------|---------------------|-------|-----------|
| 319-84-6   | alpha-BHC           | 0.050 | < 0.050 U |
| 319-85-7   | beta-BHC            | 0.050 | < 0.050 U |
| 319-86-8   | delta-BHC           | 0.050 | < 0.050 U |
| 58-89-9    | gamma-BHC (Lindane) | 0.050 | < 0.050 U |
| 76-44-8    | Heptachlor          | 0.050 | < 0.050 U |
| 309-00-2   | Aldrin              | 0.050 | < 0.050 U |
| 1024-57-3  | Heptachlor Epoxide  | 0.050 | < 0.050 U |
| 959-98-8   | Endosulfan I        | 0.050 | < 0.050 U |
| 60-57-1    | Dieldrin            | 0.10  | < 0.10 U  |
| 72-55-9    | 4,4'-DDE            | 0.10  | < 0.10 U  |
| 72-20-8    | Endrin              | 0.10  | < 0.10 U  |
| 33213-65-9 | Endosulfan II       | 0.10  | < 0.10 U  |
| 72-54-8    | 4,4'-DDD            | 0.10  | < 0.10 U  |
| 1031-07-8  | Endosulfan Sulfate  | 0.10  | < 0.10 U  |
| 50-29-3    | 4,4'-DDT            | 0.10  | < 0.10 U  |
| 72-43-5    | Methoxychlor        | 0.50  | < 0.50 U  |
| 53494-70-5 | Endrin Ketone       | 0.10  | < 0.10 U  |
| 7421-93-4  | Endrin Aldehyde     | 0.10  | < 0.10 U  |
| 5103-74-2  | gamma Chlordane     | 0.050 | < 0.050 U |
| 5103-71-9  | alpha Chlordane     | 0.050 | < 0.050 U |
| 8001-35-2  | Toxaphene           | 5.0   | < 5.0 U   |
| 118-74-1   | Hexachlorobenzene   | 0.050 | < 0.050 U |
| 87-68-3    | Hexachlorobutadiene | 0.050 | < 0.050 U |
| 789-02-6   | 2,4'-DDT            | 0.10  | < 0.10 U  |
| 3424-82-6  | 2,4'-DDE            | 0.10  | < 0.10 U  |
| 53-19-0    | 2,4'-DDD            | 0.10  | < 0.10 U  |
| 27304-13-8 | oxy Chlordane       | 0.10  | < 0.10 U  |
| 5103-73-1  | cis-Nonachlor       | 0.10  | < 0.10 U  |
| 39765-80-5 | trans-Nonachlor     | 0.10  | < 0.10 U  |
| 2385-85-5  | Mirex               | 0.10  | < 0.10 U  |

Reported in µg/L (ppb)

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 70.5% |
| Tetrachlorometaxylene | 93.5% |

**ORGANICS ANALYSIS DATA SHEET**

Pesticides by GC/ECD

Page 1 of 1

Sample ID: LDW-SC-RB3

SAMPLE

Lab Sample ID: JC21A

LIMS ID: 06-3573

Matrix: Water

Data Release Authorized:

Reported: 03/06/06

QC Report No: JC21-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/22/06

Date Received: 02/22/06

Date Extracted: 02/28/06

Date Analyzed: 03/03/06 00:58

Instrument/Analyst: ECD4/YZ

GPC Cleanup: No

Sulfur Cleanup: No

Sample Amount: 500 mL

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

pH: 7.1

Florisil Cleanup: No

Silica Gel: No

| CAS Number | Analyte             | RL    | Result    |
|------------|---------------------|-------|-----------|
| 319-84-6   | alpha-BHC           | 0.050 | < 0.050 U |
| 319-85-7   | beta-BHC            | 0.050 | < 0.050 U |
| 319-86-8   | delta-BHC           | 0.050 | < 0.050 U |
| 58-89-9    | gamma-BHC (Lindane) | 0.050 | < 0.050 U |
| 76-44-8    | Heptachlor          | 0.050 | < 0.050 U |
| 309-00-2   | Aldrin              | 0.050 | < 0.050 U |
| 1024-57-3  | Heptachlor Epoxide  | 0.050 | < 0.050 U |
| 959-98-8   | Endosulfan I        | 0.050 | < 0.050 U |
| 60-57-1    | Dieldrin            | 0.10  | < 0.10 U  |
| 72-55-9    | 4,4'-DDE            | 0.10  | < 0.10 U  |
| 72-20-8    | Endrin              | 0.10  | < 0.10 U  |
| 33213-65-9 | Endosulfan II       | 0.10  | < 0.10 U  |
| 72-54-8    | 4,4'-DDD            | 0.10  | < 0.10 U  |
| 1031-07-8  | Endosulfan Sulfate  | 0.10  | < 0.10 U  |
| 50-29-3    | 4,4'-DDT            | 0.10  | < 0.10 U  |
| 72-43-5    | Methoxychlor        | 0.50  | < 0.50 U  |
| 53494-70-5 | Endrin Ketone       | 0.10  | < 0.10 U  |
| 7421-93-4  | Endrin Aldehyde     | 0.10  | < 0.10 U  |
| 5103-74-2  | gamma Chlordane     | 0.050 | < 0.050 U |
| 5103-71-9  | alpha Chlordane     | 0.050 | < 0.050 U |
| 8001-35-2  | Toxaphene           | 5.0   | < 5.0 U   |
| 118-74-1   | Hexachlorobenzene   | 0.050 | < 0.050 U |
| 87-68-3    | Hexachlorobutadiene | 0.050 | < 0.050 U |
| 789-02-6   | 2,4'-DDT            | 0.10  | < 0.10 U  |
| 3424-82-6  | 2,4'-DDE            | 0.10  | < 0.10 U  |
| 53-19-0    | 2,4'-DDD            | 0.10  | < 0.10 U  |
| 27304-13-8 | oxy Chlordane       | 0.10  | < 0.10 U  |
| 5103-73-1  | cis-Nonachlor       | 0.10  | < 0.10 U  |
| 39765-80-5 | trans-Nonachlor     | 0.10  | < 0.10 U  |
| 2385-85-5  | Mirex               | 0.10  | < 0.10 U  |

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

**Pest/PCB Surrogate Recovery**

|                       |       |
|-----------------------|-------|
| Decachlorobiphenyl    | 59.2% |
| Tetrachlorometaxylene | 91.0% |