APPENDIX C: LABORATORY FORM 1s
Sample ID: LDW-T1-M-DC-KM-comp-1

QC Report No: IM87-Windward Environmental, LLC
Project: Lower Duwamish Waterway Group (LDWG)
04-00-06-22
Date Sampled: 08/30/04
Date Received: 09/07/05

Sample Amount: 7.53 g as rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>130</td>
<td>&lt; 130 U</td>
</tr>
</tbody>
</table>

Reported in μg/kg (ppb)

Semivolatile Surrogate Recovery

<table>
<thead>
<tr>
<th>Surrogate</th>
<th>Recovery</th>
</tr>
</thead>
<tbody>
<tr>
<td>d14-p-Terphenyl</td>
<td>120%</td>
</tr>
</tbody>
</table>
ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Lab Sample ID: IH52N
LIMS ID: 05-12138
Matrix: Tissue
Data Release Authorized: 
Reported: 09/23/05

Date Extracted: 08/31/05
Date Analyzed: 09/20/05 20:59
Instrument/Analyst: NT6/LJR
GFC Cleanup: No

QC Report No: IH52-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/30/04
Date Received: 07/19/05

Sample Amount: 7.50 g-as-rec
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>67</td>
<td>&lt; 67 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl 41.6%
**ORGANICS ANALYSIS DATA SHEET**

**PSDDA Semivolatiles by SW8270D GC/MS**

**Page 1 of 1**

**Lab Sample ID:** IH520  
**LIMS ID:** 05-12139  
**Matrix:** Tissue  
**Data Release Authorized:**  
**Reported:** 09/23/05

**QC Report No:** IH52-Windward Environmental  
**Project:** Lower Duwamish Waterway Group (LDW3)  
**Date Sampled:** 08/30/04  
**Date Received:** 07/19/05

**Sample Amount:** 7.52 g-as-rec  
**Final Extract Volume:** 0.5 mL  
**Dilution Factor:** 1.00  
**Percent Moisture:** NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>66</td>
<td>&lt; 66 U</td>
</tr>
</tbody>
</table>

*Reported in µg/kg (ppb)*

**Semivolatile Surrogate Recovery**

<table>
<thead>
<tr>
<th>Analyte</th>
<th>Recovery</th>
</tr>
</thead>
<tbody>
<tr>
<td>d14-p-Terphenyl</td>
<td>47.2%</td>
</tr>
</tbody>
</table>
**ORGANICS ANALYSIS DATA SHEET**

**PSDDA Semivolatiles by SW8270D GC/MS**

**Page 1 of 1**

**Lab Sample ID:** IH52A  
**LIMS ID:** 05-12125  
**Matrix:** Tissue  
**Data Release Authorized:**  
**Reported:** 09/23/05

**Date Extracted:** 08/30/05  
**Date Analyzed:** 09/05/05 14:14  
**Instrument/Analyst:** NT6/LJR  
**GPC Cleanup:** No

**QC Report No:** IH52-Windward Environmental  
**Project:** Lower Duwamish Waterway Group (LDWG)  
**Date Sampled:** 08/30/04  
**Date Received:** 07/19/05

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>EL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>67</td>
<td>&lt; 67 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

<table>
<thead>
<tr>
<th>Analyte</th>
<th>Recovery</th>
</tr>
</thead>
<tbody>
<tr>
<td>d14-p-Terphenyl</td>
<td>29.5%</td>
</tr>
<tr>
<td>CAS Number</td>
<td>Analyte</td>
</tr>
<tr>
<td>------------</td>
<td>--------------------------------</td>
</tr>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
</tr>
</tbody>
</table>

Reported in μg/kg (ppb)

Semivolatile Surrogate Recovery

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>d14-p-Terphenyl</td>
<td>34.3%</td>
</tr>
</tbody>
</table>
ORGANICS ANALYSIS DATA SHEET
PSDAA Semivolatiles by SW8270D GC/MS

Sample ID: LDW-T3-M-DC-EM-comp-3

QC Report No: IH52-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 09/01/04
Date Received: 07/19/05

Sample Amount: 7.52 g-as-rec
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>66</td>
<td>&lt; 66 U</td>
</tr>
</tbody>
</table>

Reported in μg/kg (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl 39.6%
**Sample ID:** LDW-T4-M-DC-EM-comp-1
**Sample:**

<table>
<thead>
<tr>
<th>CAS Number</th>
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<th>Result</th>
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</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>67</td>
<td>&lt; 67 U</td>
</tr>
</tbody>
</table>

**Semivolatile Surrogate Recovery**

<table>
<thead>
<tr>
<th>Analyte</th>
<th>Recovery</th>
</tr>
</thead>
<tbody>
<tr>
<td>d14-p-Terphenyl</td>
<td>40.8%</td>
</tr>
</tbody>
</table>

QC Report No: IH50-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/31/04
Date Received: 07/19/05
Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

Lab Sample ID: IH50B
LIMS ID: 05-12102
Matrix: Tissue
Data Release Authorized:
Reported: 08/16/05

Date Extracted: 07/28/05
Date Analyzed: 08/02/05 15:33
Instrument/Analyst: NT6/LJK
GPC Cleanup: No
**ORGANICS ANALYSIS DATA SHEET**  
**PSDIA Semivolatiles by SW8270D GC/MS**

**Page 1 of 1**

**Sample ID:** LDW-T1-M-DC-HF-comp-1  
**SAMPLE**

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
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</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>66</td>
<td>&lt; 66 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

**Semivolatile Surrogate Recovery**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>d14-p-Terphenyl</td>
<td>39.4%</td>
</tr>
</tbody>
</table>

**QC Report No:** IH52-Windward Environmental  
**Project:** Lower Duwamish Waterway Group (LDWG)  
04-08-06-22  
**Date Sampled:** 08/30/04  
**Date Received:** 07/19/05  

**Sample Amount:** 7.54 g-as-rec  
**Final Extract Volume:** 0.5 mL  
**Dilution Factor:** 1.00  
**Percent Moisture:** NA  

**Lab Sample ID:** IH52P  
**LIMS ID:** 05-12140  
**Matrix:** Tissue  
**Data Release Authorized:**  
**Reported:** 05/23/05
### ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

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<thead>
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<tbody>
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<tr>
<td>Data Released Authorized:</td>
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<tr>
<td>Reported: 09/23/05</td>
</tr>
<tr>
<td>Date Extracted: 08/31/05</td>
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<td>Date Analyzed: 09/20/05 18:46</td>
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<td>Instrument/Analyst: NT6/LJR</td>
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<td>GPC Cleanup: No</td>
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</table>

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>66</td>
<td>&lt; 66 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

#### Semivolatile Surrogate Recovery

<table>
<thead>
<tr>
<th>Surrogate</th>
<th>Recovery</th>
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</thead>
<tbody>
<tr>
<td>d14-p-Terphenyl</td>
<td>26.9%</td>
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</table>

Sample ID: LDW-T3-M-DC-HD-ccmp-1
SAMPLE

QC Report No: IH52-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWQ)
04-08-06-22
Date Sampled: 08/30/04
Date Received: 07/19/05
Sample Amount: 7.54 g-as-rec
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: NA

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

Sample ID: LDW-T4-M-DC-HF-comp-1

Date Extracted: 09/12/05
Date Analyzed: 09/21/05 14:48
Instrument/Analyst: NY6/LJR
GPC Cleanup: No

QC Report No: IM87-Windward Environmental, LLC
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/31/04
Date Received: 09/07/05

Sample Amount: 7.50 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>EL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>130</td>
<td>&lt; 130 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl 136%
ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Lab Sample ID: IH51F
LIMS ID: 05-12116
Matrix: Tissue
Data Release Authorized:
Reported: 08/30/05

Date Extracted: 07/29/05
Date Analyzed: 08/23/05 17:18
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

QC Report No: IH51-Mindward Environmental
Project: Lower Duwamish Waterway Group(LDWG)
04-08-66-22
Date Sampled: 08/02/04
Date Received: 07/19/05

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>67</td>
<td>&lt; 67 U</td>
</tr>
</tbody>
</table>

Reported in μg/kg (ppb)

Semivolatile Surrogate Recovery

|                  | dl4-p-Terphenyl | 57.6% |

FORM I
**ORGANICS ANALYSIS DATA SHEET**

**PBBDA Semivolatiles by SW8270D GC/MS**

**Sample ID:** LDW-T1-M-ES-FL-comp-2

**DILUTION**

<table>
<thead>
<tr>
<th>QC Report No:</th>
<th>IHS1-Windward Environmental</th>
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</thead>
<tbody>
<tr>
<td>Project:</td>
<td>Lower Duwamish Waterway Group (LDWG)</td>
</tr>
<tr>
<td>Date Sampled:</td>
<td>08/02/04</td>
</tr>
<tr>
<td>Date Received:</td>
<td>07/19/05</td>
</tr>
</tbody>
</table>

**Sample Amount:** 15.0 g-as-rec

**Final Extract Volume:** 1.0 mL

**Dilution Factor:** 5.00

**Percent Moisture:** NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>330</td>
<td>&lt; 330 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

**Semivolatile Surrogate Recovery**

<table>
<thead>
<tr>
<th>Analyte</th>
<th>Recovery</th>
</tr>
</thead>
<tbody>
<tr>
<td>d14-p-Terphenyl</td>
<td>33.6%</td>
</tr>
</tbody>
</table>

**Form I**
LAB SAMPLE ID: IH51G
LIMS ID: 05-12117
Matrix: Tissue
Data Release Authorized:
Reported: 08/30/05

Date Extracted: 07/29/05
Date Analyzed: 08/23/05 17:51
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

QC Report No: IH51-Windward Environmental
Project: Lower Duwamish Waterway Group(LDWW)
04-08-06-22
Date Sampled: 08/03/04
Date Received: 07/19/05

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>XL</th>
<th>Result</th>
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</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>67</td>
<td>&lt; 67 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

<p>| | |</p>
<table>
<thead>
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<th></th>
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</thead>
<tbody>
<tr>
<td>d14-p-Terphenyl</td>
<td>55.2%</td>
</tr>
<tr>
<td>CAS Number</td>
<td>Analyte</td>
</tr>
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<td>----------------------------------</td>
</tr>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
</tr>
</tbody>
</table>

Reported in μg/kg (ppb)

**Semivolatile Surrogate Recovery**

- `di4-p-Terphenyl`: 38.6%
ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Lab Sample ID: IH51H
LIMS ID: 05-12118
Matrix: Tissue
Data Release Authorized: NW
Reported: 08/30/05

Date Extracted: 07/29/05
Date Analyzed: 08/23/05 18:25
Instrument/Analyst: NY6/LJR
GPC Cleanup: No

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<th>CAS Number</th>
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<th>Result</th>
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</thead>
<tbody>
<tr>
<td>117-91-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>67</td>
<td>&lt; 67 µ</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl  54.4%
Lab Sample ID: IH51H
LIMS ID: 05-12118
Matrix: Tissue
Data Release Authorized: Yes
Reported: 08/30/05

Date Extracted: 07/29/05
Date Analyzed: 08/24/05 13:52
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Percent Moisture: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>330</td>
<td>&lt; 330 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d:4-p-Terphenyl 50.8%
<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
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</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>67</td>
<td>&lt; 67 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

**Semivolatile Surrogate Recovery**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>dl4-p-Terphenyl</td>
<td>106%</td>
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</table>
Lab Sample ID: IM87A
LIMS ID: 05-15439
Matrix: Tissue
Data Release Authorized: 
Reported: 09/23/05

Date Extracted: 09/12/05
Date Analyzed: 09/21/05 12:35
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

QC Report No: IM87-Windward Environmental, LLC
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/30/04
Date Received: 09/07/05

Sample Amount: 7.55 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

<table>
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<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>130</td>
<td>&lt; 130 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

| d14-p-Terphenyl | 102% |

FORM I
<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
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</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>67</td>
<td>&lt; 67 U</td>
</tr>
</tbody>
</table>

Reported in μg/kg (ppb)

**Semivolatile Surrogate Recovery**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>d14-p-Terphenyl</td>
<td>122%</td>
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</tbody>
</table>

QC Report No: IH50-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 09/03/04
Date Received: 07/19/05

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA
ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: LDW-T2-M-ES-WB-comp-4
DILUTION

Lab Sample ID: IH50I
LIMS ID: 05-12109
Matrix: Tissue
Data Release Authorized: Yes
Reported: 08/16/05

Date Extracted: 07/28/05
Date Analyzed: 08/04/05 23:45
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

QC Report No: IH50-Windward Environmental
Project: Lower Duwamish Waterway Group (LDDWG)
Date Sampled: 08/03/04
Date Received: 07/19/05

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Percent Moisture: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>330</td>
<td>&lt; 330 U</td>
</tr>
</tbody>
</table>

Reported in μg/kg (ppb)

Semivolatile Surrogate Recovery

| d14-p-Terphenyl | 92.0% |
ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: LDW-T2-M-ES-WB-comp-5

Lab Sample ID: IH51I
LIMS ID: 05-12119
Matrix: Tissue
Data Release Authorized: Na
Reported: 08/30/05

Date Extracted: 07/29/05
Date Analyzed: 08/23/05 18:58
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

QC Report No: IH51-Windward Environmental
Project: Lower Duwamish Waterway Group(LDWG)
04-08-06-22
Date Sampled: 08/03/04
Date Received: 07/19/05

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>66</td>
<td>&lt; 66 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

<table>
<thead>
<tr>
<th>Analyte</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>d14-p-Terphenyl</td>
<td>59.6</td>
</tr>
</tbody>
</table>
**ORGANICS ANALYSIS DATA SHEET**
**PSDDA Semivolatiles by SW8270D GC/MS**

---

**Lab Sample ID:** IH511  
**LIMS ID:** 05-12119  
**Matrix:** Tissue  
**QC Report No:** IH51-Windward Environmental  
**Data Release Authorized:** 
   **Reported:** 08/30/05  
**Date Sampled:** 08/03/04  
**Date Received:** 07/19/05  
**Date Extracted:** 07/29/05  
**Date Analyzed:** 08/24/05 14:26  
**Instrument/Analyst:** NT6/LJR  
**GPC Cleanup:** No  

**Sample ID:** LDW-T2-M-ES-WB-comp-5  
**DILUTION**  
**Final Extract Volume:** 1.0 mL  
**Dilution Factor:** 5.00  
**Percent Moisture:** NA

### CAS Number | Analyte | RL | Result
---|---|---|---
117-81-7 | bis(2-Ethylhexyl)phthalate | 330 | < 330 U

**Reported in µg/kg (ppb)**

**Semivolatile Surrogate Recovery**

<table>
<thead>
<tr>
<th>Analyte</th>
<th>Recovery</th>
</tr>
</thead>
<tbody>
<tr>
<td>d14-p-Terphenyl</td>
<td>76.6%</td>
</tr>
</tbody>
</table>
Sample ID: LDW-T2-M-ES-WB-comp-6

Lab Sample ID: IH51J
LIMS ID: 05-12120
Matrix: Tissue
Data Release Authorized: 
Reported: 08/30/05

Date Extracted: 07/29/05
Date Analyzed: 08/23/05 19:31
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

QC Report No: IH51-Windward Environmental Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/03/04
Date Received: 07/19/05

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>67</td>
<td>&lt; 67 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

<table>
<thead>
<tr>
<th>Analyte</th>
<th>Recovered</th>
</tr>
</thead>
<tbody>
<tr>
<td>d14-p-Terphenyl</td>
<td>43.2%</td>
</tr>
</tbody>
</table>
**ORGANICS ANALYSIS DATA SHEET**

**PSDDA Semivolatiles by SW8270D GC/MS**

**Sample ID:** LDW-T2-M-ES-WB-comp-6

**DILUTION**

**QC Report No:** IH51-Windward Environmental

**Project:** Lower Duwamish Waterway Group (LDWG)

**Date Sampled:** 02/03/04

**Date Received:** 07/19/05

**Sample Amount:** 15.0 g-as-rec

**Final Extract Volume:** 1.0 mL

**Dilution Factor:** 5.00

**Percent Moisture:** NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>330</td>
<td>&lt; 330 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

**Semivolatile Surrogate Recovery**

| d14-p-Terphenyl | 71.8% |

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

**Sample ID:** LDW-T3-M-ES-WB-comp-1  
**SAMPLE**  

<table>
<thead>
<tr>
<th>Lab Sample ID:</th>
<th>IH51K</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIMS ID:</td>
<td>05-12121</td>
</tr>
<tr>
<td>Matrix:</td>
<td>Tissue</td>
</tr>
<tr>
<td>Data Release Authorized:</td>
<td>No</td>
</tr>
<tr>
<td>Reported:</td>
<td>08/30/05</td>
</tr>
</tbody>
</table>

| Date Extracted: | 07/29/05 |
| Date Analyzed:  | 08/23/05 20:04 |
| Instrument/Analyst: | NT6/LJR |
| GPC Cleanup:    | No        |

**QC Report No:** IH51-Windward Environmental  
**Project:** Lower Duwamish Waterway Group (LDWG)  
**04-08-06-22**  
**Date Sampled:** 08/03/04  
**Date Received:** 07/19/05  

**Sample Amount:** 15.0 g-as-rec  
**Final Extract Volume:** 1.0 mL  
**Dilution Factor:** 1.00  
**Percent Moisture:** NA

**CAS Number | Analyte | RL | Result |**  
117-81-7    | bis(2-Ethylhexyl)phthalate | 66 | < 66 U |

*Reported in µg/kg (ppb)*

**Semivolatile Surrogate Recovery**

<table>
<thead>
<tr>
<th>Analyte</th>
<th>Recovery</th>
</tr>
</thead>
<tbody>
<tr>
<td>d14-p-Terphenyl</td>
<td>35.1%</td>
</tr>
</tbody>
</table>

**FORM I**
<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-ethylhexyl)phthalate</td>
<td>330</td>
<td>&lt; 330 U</td>
</tr>
</tbody>
</table>

Reported in μg/kg (ppb)

Semivolatile Surrogate Recovery

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>d14-p-Terphenyl</td>
<td>70.8%</td>
</tr>
</tbody>
</table>
ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Lab Sample ID: IH51L
LIMS ID: 05-12122
Matrix: Tissue
Data Release Authorized: ✓
Reported: 08/30/05

QC Report No: IH51-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
Date Sampled: 08/03/04
Date Received: 07/19/05

Date Extracted: 07/29/05
Date Analyzed: 08/23/05 20:36
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>66</td>
<td>&lt; 66 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>d14-p-Terphenyl</td>
<td>42.8%</td>
</tr>
</tbody>
</table>
ORGANIC ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Lab Sample ID: IH51L
LIMS ID: 05-12122
Matrix: Tissue
Data Release Authorized: NW
Reported: 08/30/05

Date Extracted: 07/29/05
Date Analyzed: 08/24/05 16:06
Instrument/Analyst: NT5/LJR
GPC Cleanup: No

QC Report No: IH51-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/03/04
Date Received: 07/19/05

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Percent Moisture: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>FL</th>
<th>Result</th>
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</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>330</td>
<td>&lt; 330 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

<table>
<thead>
<tr>
<th>Surrogate</th>
<th>Recovery</th>
</tr>
</thead>
<tbody>
<tr>
<td>d14-p-Terphenyl</td>
<td>90.4%</td>
</tr>
</tbody>
</table>
Lab Sample ID: IH50J
LIMS ID: 05-12110
Matrix: Tissue
Data Release Authorized: Reported: 08/16/05
Date Extracted: 07/29/05
Date Analyzed: 08/02/05 19:50
Instrument/Analyst: NT5/LJR
GPC Cleanup: No

QC Report No: IH50-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/03/04
Date Received: 07/19/05

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>67</td>
<td>&lt; 67 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>d14-p-Terphenyl</td>
<td>124%</td>
</tr>
</tbody>
</table>
ORNGINS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Sample ID: LDW-53-M-ES-WB-comp-3
DILUTION

Lab Sample ID: IH50J
LIMS ID: 05-12110
Matrix: Tissue
Data Release Authorized: 
Reported: 08/16/05

QC Report No: IH50-Windward Environmental
Project: Lower Duwamish Waterway Group(LDWG)
Date Sampled: 08/03/04
Date Received: 07/19/05

Date Extracted: 07/28/05
Date Analyzed: 08/05/05 00:17
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>330</td>
<td>&lt;330 U</td>
</tr>
</tbody>
</table>

Reported in μg/kg (ppb)

Semivolatile Surrogate Recovery

| d14-p-Terphenyl | 138% |

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Percent Moisture: NA
<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>83</td>
<td>&lt; 83 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

|          | d14-p-Terphenyl | 23.1% |

QC Report No: IH51-Windward Environmental Engineering
Project: Lower Duwamish Waterway Group (LDWG)
04-06-06-22
Date Sampled: 08/03/04
Date Received: 07/19/05
Sample Amount: 12.1 g as rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

FORM 1
ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: LDW-T3-M-E5-WE-comp-5

SAMPLE

QC Report No: IHS1-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/05/04
Date Received: 07/19/05

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>66</td>
<td>&lt; 55 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

| d14-p-Terphenyl | 44.4% |

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

Lab Sample ID: IHS1C
LIMS ID: 05-12113
Matrix: Tissue
Data Release Authorized: No
Reported: 08/30/05

Date Extracted: 07/29/05
Date Analyzed: 08/23/05 15:39
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

QC Report No: IHS1-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-06-22
Date Sampled: 08/05/04
Date Received: 07/19/05

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>67</td>
<td>&lt; 67 U</td>
</tr>
</tbody>
</table>

Reported in μg/kg (ppb)

Semivolatile Surrogate Recovery

| d14-p-Terphenyl | 44.0% |

FORM 1
Lab Sample ID: IH51C
LIMS ID: 05-12113
Matrix: Tissue
Data Release Authorized: ✔
Reported: 08/30/05

Date Extracted: 07/29/05
Date Analyzed: 08/24/05 11:05
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

QC Report No: IHS1-Windward Environmental
Project: Lower Duwamish Waterway Group (LDW3) 04-08-06-22
Date Sampled: 08/05/04
Date Received: 07/19/05

Sample Amount: 15.0 g ae-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Percent Moisture: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>330</td>
<td>&lt; 330 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

**Semivolatile Surrogate Recovery**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>d14-p-Terphenyl</td>
<td>22.8%</td>
</tr>
</tbody>
</table>
**Organics Analysis Data Sheet**

**PSDDA Semivolatiles by SW8270D GC/MS**

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>66</td>
<td>&lt; 66</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

**Semivolatile Surrogate Recovery**

<table>
<thead>
<tr>
<th>Surrogate</th>
<th>Recovery</th>
</tr>
</thead>
<tbody>
<tr>
<td>d14-p-Terphenyl</td>
<td>29.1%</td>
</tr>
</tbody>
</table>

**Sample ID:** LDW-T4-M-ES-WB-comp-1

**QC Report No:** IH52-Windward Environmental

Project: Lower Duwamish Waterway Group {LDWG}

Date Sampled: 08/30/04
Date Received: 07/19/05

Sample Amount: 7.52 g-as-rec
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: NA
**ORGANICS ANALYSIS DATA SHEET**

**PSDDA Semivolatiles by SW8270D GC/MS**

**Sample ID:** LDW-T4-M-ES-WB-comp-3

**Lab Sample ID:** IH52K  
**LIMS ID:** 05-12135  
**Matrix:** Tissue  
**Data Release Authorized:**  
**Reported:** 09/23/05

**QC Report No:** IH52-Windward Environmental  
**Project:** Lower Duwamish Waterway Group (LDWG)  
**Date Sampled:** 08/30/04  
**Date Received:** 07/19/05  
**Sample Amount:** 7.50 g-as-rec  
**Final Extract Volume:** 0.5 mL  
**Dilution Factor:** 1.00  
**Percent Moisture:** NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>67</td>
<td>&lt; 67 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

**Semivolatile Surrogate Recovery**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>d14-p-Terphenyl</td>
<td>42.0%</td>
<td></td>
</tr>
</tbody>
</table>
**ORGANICS ANALYSIS DATA SHEET**

**PSDDA Semivolatiles by SW8270D GC/MS**

**Sample ID:** LDW-M-M-PP-FL-comp-1

**QC Report No:** IHS05-Windward Environmental

**Project:** Lower Duwamish Waterway Group (LDWG)

**Date Sampled:** 08/03/04

**Date Received:** 07/19/05

**Sample Amount:** 15.0 g-as-rec

**Final Extract Volume:** 1.0 mL

**Dilution Factor:** 1.00

**Percent Moisture:** NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>67</td>
<td>&lt; 67 U</td>
</tr>
</tbody>
</table>

*Reported in µg/kg (ppb)*

**Semivolatile Surrogate Recovery**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Recovery</th>
</tr>
</thead>
<tbody>
<tr>
<td>dl4-p-Terphenyl</td>
<td>42.8%</td>
</tr>
</tbody>
</table>
ANALYTICAL RESOURCES INCORPORATED

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

Sample ID: LDW-T2-M-SC-EM-comp-1
SAMPLE

Lab Sample ID: IH52R
LIMS ID: 05-12142
Matrix: Tissue
Data Release Authorized:
Reported: 09/23/05

Date Extracted: 08/31/05
Date Analyzed: 09/20/05 23:45
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

QC Report No: IH52-Windward Environmental
Project: Lower Duwamish Waterway Group(LDWG)
04-08-06-22
Date Sampled: 08/31/04
Date Received: 07/19/05

Sample Amount: 7.50 g-as-rec
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>67</td>
<td>&lt; 67 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

<table>
<thead>
<tr>
<th></th>
<th>42.0%</th>
</tr>
</thead>
<tbody>
<tr>
<td>d14-p-Terphenyl</td>
<td></td>
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</table>
Lab Sample ID: IM87D
LIMS ID: 05-15442
Matrix: Tissue
Data Release Authorized: 09/23/05
Date Extracted: 09/12/05
Date Analyzed: 09/21/05 13:08
Instrument/Analyst: NT6/LJR
GFC Cleanup: No

<table>
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<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
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</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>130</td>
<td>&lt; 130 U</td>
</tr>
</tbody>
</table>

Reported in μg/kg (ppb)

Semivolatile Surrogate Recovery

<table>
<thead>
<tr>
<th>Analyte</th>
<th>Recovery</th>
</tr>
</thead>
<tbody>
<tr>
<td>d14-p-Terphenyl</td>
<td>97.2%</td>
</tr>
</tbody>
</table>
ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Lab Sample ID: IHS52T
LIMS ID: 05-12144
Matrix: Tissue
Data Release Authorized:
Reported: 09/23/05

QC Report No: IHS52-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWGW)
Date Sampled: 08/31/04
Date Received: 07/19/05

Sample Amount: 5.54 g-as-rec
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>90</td>
<td>&lt; 90 U</td>
</tr>
</tbody>
</table>

Reported in μg/kg (ppb)

Semivolatile Surrogate Recovery

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>d14-p-Derphenyl</td>
<td>45.2%</td>
</tr>
</tbody>
</table>
**Sample ID**: LDW-T2-M-SC-EM-comp-4

**QC Report No**: IHS2-Windward Environmental

**Project**: Lower Duwamish Waterway Group (LDWG)

04-08-06-22

**Date Sampled**: 08/31/04

**Date Received**: 07/19/05

**Sample Amount**: 15.0 g-as-rec

**Final Extract Volume**: 1.0 mL

**Dilution Factor**: 1.00

**Percent Moisture**: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>66</td>
<td>&lt; 66</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

**Semivolatile Surrogate Recovery**

| d14-p-Terphenyl | 28.4% |

FORM I
Lab Sample ID: IH52V
LIMS ID: 05-12146
Matrix: Tissue
Data Release Authorized: Yes
Reported: 09/23/05

Date Extracted: 08/30/05
Date Analyzed: 09/06/05 15:46
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

QC Report No: IH52-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
Date Sampled: 08/31/04
Date Received: 07/19/05

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
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</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>66</td>
<td>&lt; 66 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

<p>| | |</p>
<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>d14-p-Terphenyl</td>
<td>31.0%</td>
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</tbody>
</table>
Sample ID: LDW-T2-M-SC-EM-comp-6

QC Report No: HT52-Windward Environmental Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/31/04
Date Received: 07/19/05

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

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<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
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</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>66</td>
<td>&lt; 66 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

<table>
<thead>
<tr>
<th>Surrogate</th>
<th>Recovery</th>
</tr>
</thead>
<tbody>
<tr>
<td>d14-p-Terphenyl</td>
<td>29.9%</td>
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</tbody>
</table>
**ORSANIS ANALYSIS DATA SHEET**
**PSDAA Semivolatiles by SW8270D GC/MS**

**SAMPLE**

| Sample ID: LDW-T3-M-SC-EM-comp-1 |

**QC Report No:** IH50-Windward Environmental Project: Lower Duwamish Waterway Group (LDWG) 04-08-06-22

- **Date Sampled:** 09/03/04
- **Date Received:** 07/19/05
- **Sample Amount:** 13.8 g-as-rec
- **Final Extract Volume:** 1.0 mL
- **Dilution Factor:** 1.00
- **Percent Moisture:** NA

**Lab Sample ID:** IH50A

**LIMS ID:** 05-12101

**Matrix:** Tissue

**Data Release Authorized:**

**Reported:** 08/16/05

**Date Extracted:** 07/28/05

**Date Analyzed:** 08/02/05 15:00

**Instrument/Analyst:** NT6/LJR

**GPC Cleanup:** No

<table>
<thead>
<tr>
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<th>Analyte</th>
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<th>Result</th>
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</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>72</td>
<td>&lt; 72 U</td>
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</tbody>
</table>

Reported in µg/kg (ppb)

**Semivolatile Surrogate Recovery**

<table>
<thead>
<tr>
<th>Analyte</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>d14-p-Terphenyl</td>
<td>51.2%</td>
</tr>
</tbody>
</table>
**ORGANICS ANALYSIS DATA SHEET**

**PSDDA Semivolatiles by SW8270D GC/MS**

**Page 1 of 1**

<table>
<thead>
<tr>
<th>Sample ID: LDK-T3-M-SC-EN-comp-2</th>
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</thead>
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<tr>
<td><strong>SAMPLE</strong></td>
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</table>

**QC Report No:** IM87-Windward Environmental, LLC

**Project:** Lower Duwamish Waterway Group (LDWG)

**Date Sampled:** 09/03/04

**Date Received:** 09/07/05

**Date Extracted:** 09/12/05

**Date Analyzed:** 09/21/05 17:01

**Instrument/Analyst:** NT6/LJR

**GPC Cleanup:** No

---

**Lab Sample ID:** IM87G

**LIMS ID:** 05-15445

**Data Release Authorized:**

**Reported:** 09/23/05

---

**CAS Number** | **Analyte** | **RL** | **Result**
---|---|---|---
117-81-7 | bis(2-Ethylhexyl)phthalate | 67 | < 67 U

Reported in μg/kg (ppb)

**Semivolatile Surrogate Recovery**

<table>
<thead>
<tr>
<th><strong>dl14-p-Terphenyl</strong></th>
<th><strong>48.0%</strong></th>
</tr>
</thead>
</table>

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**ANALYTICAL RESOURCES INCORPORATED**

**FORM I**
### ORGANICS ANALYSIS DATA SHEET

**PSDCA Semivolatiles by SW8270D GC/MS**

**Sample ID:** LDW-T3-M-SC-EM-comp-3

**Lab Sample ID:** IHS2F
**LIMS ID:** 05-12130
**Matrix:** Tissue
**Data Release Authorized:** 09/23/05

**Date Extracted:** 08/31/05
**Date Analyzed:** 09/20/05 19:19
**Instrument/Analyst:** NTG/LJR
**GPC Cleanup:** No

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<th>Result</th>
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</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>66</td>
<td>&lt; 66 U</td>
</tr>
</tbody>
</table>

reported in µg/kg (ppb)

**Semivolatile Surrogate Recovery**

<p>| | |</p>
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>d14-p-Terphenyl</td>
<td>31.5%</td>
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</table>

**QC Report No:** IH52-Windward Environmental

**Project:** Lower Duwamish Waterway Group (LDWG) 04-08-06-22
**Date Sampled:** 09/03/04
**Date Received:** 07/19/05

**Sample Amount:** 7.52 g-as-rec
**Final Extract Volume:** 0.5 mL
**Dilution Factor:** 1.00
**Percent Moisture:** NA
<table>
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<th>Result</th>
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</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>67</td>
<td>&lt; 67 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

**Semivolatile Surrogate Recovery**

<p>| | |</p>
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>d14-p-Terphenyl</td>
<td>62.0%</td>
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</tbody>
</table>
Lab Sample ID: IM87E
LIMS ID: 05-15443
Matrix: Tissue
Data Release Authorized: 09/23/05

Date Extracted: 09/12/05
Date Analyzed: 09/21/05 15:55
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

QC Report No: IM87-Windward Environmental, LLC
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22

Date Sampled: 08/31/04
Date Received: 09/07/05

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
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</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>66</td>
<td>&lt; 66 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl 44.4%
ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Lab Sample ID: IM87F
LIMS ID: 05-15444
Matrix: Tissue
Data Release Authorized: Reported: 09/23/05

Date Extracted: 09/12/05
Date Analyzed: 09/21/05 16:28
Instrument/ Analyst: NTS/LJR
GPC Cleanup: No

QC Report No: IM87-Windward Environmental, LLC
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/31/04
Date Received: 09/07/05

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
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</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>67</td>
<td>100</td>
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</tbody>
</table>

Reported in μg/kg (ppb)

Semivolatile Surrogate Recovery

<p>| | | |</p>
<table>
<thead>
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</thead>
<tbody>
<tr>
<td>d14-p-Terphenyl</td>
<td></td>
<td>51.2%</td>
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</tbody>
</table>

FORM I
LAB SAMPLE ID: IM87H
LIMS ID: 05-15446
Matrix: Tissue
Date Released Authorized: 09/23/05
Date Extracted: 09/12/05
Date Analyzed: 09/21/05 13:41
Instrument/Analyst: NT6/LJR
GPC Cleanup: No
Sample Amount: 7.55 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

<table>
<thead>
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<th>CAS Number</th>
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<th>Result</th>
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</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>130</td>
<td>230 B</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

<table>
<thead>
<tr>
<th>Substance</th>
<th>Recovery</th>
</tr>
</thead>
<tbody>
<tr>
<td>d14-p-Terphenyl</td>
<td>82.8%</td>
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</tbody>
</table>
ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Lab Sample ID: IM87B
LIMS ID: 05-15440
Matrix: Tissue
Data Release Authorized: 
Reported: 09/23/05

Date Extracted: 09/12/05
Date Analyzed: 09/21/05 00:50
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

Sample ID: LDW-T4-M-SF-FL-comp-1
Sample
QC Report No: IM87-Windward Environmental, LLC
Project: Lower Duwamish Waterway Group (LDWG)
04-06-06-22
Date Sampled: 08/30/04
Date Received: 09/07/05

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

<table>
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<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
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</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>67</td>
<td>&lt; 67 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl  52.0%
ORGANICS ANALYSIS DATA SHEET
PSDFA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Lab Sample ID: IH51D
LIMS ID: 05-12114
Matrix: Tissue
Data Release Authorized: ✔
Reported: 08/30/05

Date Extracted: 07/29/05
Date Analyzed: 08/23/05 16:12
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

QC Report No: IHS1-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/04/04
Date Received: 07/19/05

Sample ID: LDW-T4-M-SF-WB-comp-1
SAMPLE

Sample Amount: 15.0 g-as-recl
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

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<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
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<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>66</td>
<td>&lt; 66 U</td>
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</table>

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

<table>
<thead>
<tr>
<th>Analyte</th>
<th>Recovery</th>
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</thead>
<tbody>
<tr>
<td>d14-p-Terphenyl</td>
<td>45.6%</td>
</tr>
<tr>
<td>CAS Number</td>
<td>Analyte</td>
</tr>
<tr>
<td>------------</td>
<td>----------------------------------</td>
</tr>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
</tr>
</tbody>
</table>

Reported in μg/kg (ppb)

**Semivolatile Surrogate Recovery**

- d14-p-Terphenyl 122%
ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: LDW-T4-M-SF-WB-comp-2
DILUTION

Lab Sample ID: IH50H
LIMS ID: 05-12108
Matrix: Tissue
Data Release Authorized: 08/16/05

QC Report No: IH50-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/02/04
Date Received: 07/19/05

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Percent Moisture: NA

Date Extracted: 07/28/03
Date Analyzed: 08/04/05 23:12
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

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<th>Result</th>
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<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>330</td>
<td>&lt; 330 U</td>
</tr>
</tbody>
</table>

Reported in μg/kg (ppb)

Semivolatile Surrogate Recovery

<p>| | |</p>
<table>
<thead>
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<tbody>
<tr>
<td>dl4-p-Terphenyl</td>
<td>75.6%</td>
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<tr>
<td>CAS Number</td>
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<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
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</table>

Semivolatile Surrogate Recovery

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<table>
<thead>
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</thead>
<tbody>
<tr>
<td>d14-p-Terphenyl</td>
<td></td>
<td>49.2%</td>
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<tr>
<td>CAS Number</td>
<td>Analyte</td>
<td>RL</td>
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<tr>
<td>------------</td>
<td>------------------------------</td>
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</tr>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>330</td>
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</table>

Reported in μg/kg (ppb)

Semivolatile Surrogate Recovery

<p>| | |</p>
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>d14-p-Terphenyl</td>
<td>27.4%</td>
</tr>
</tbody>
</table>
**Organics Analysis Data Sheet**

Sample ID: LDW-M-M-SP-FL-comp-1

### Sample Information
- QC Report No: IH50-Windward Environmental
- Project: Lower Duwamish Waterway Group (LDWG)
- Date Sampled: 08/04/04
- Date Received: 07/19/05
- Sample Amount: 15.0 g-as-rec
- Final Extract Volume: 1.0 mL
- Dilution Factor: 1.00
- Percent Moisture: NA

### Analyte Data

<table>
<thead>
<tr>
<th>CAS Number</th>
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<th>Result</th>
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</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-ethylhexyl)phthalate</td>
<td>67</td>
<td>&lt; 67 ppb</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

### Semivolatile Surrogate Recovery
- d14-α-Terphenyl: 56.0%
Lab Sample ID: IH51M
LIMS ID: 05-12123
Matrix: Tissue
Data Release Authorized: Yes
Reported: 08/30/05

Date Extracted: 07/29/05
Date Analyzed: 08/23/05 21:09
Instrument/Analyst: NTG/LJR
GPC Cleanup: No

QC Report No: IH51-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/02/04
Date Received: 07/19/05

Sample Amount: 11.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

<table>
<thead>
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<th>CAS Number</th>
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<th>Result</th>
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</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>91</td>
<td>&lt; 91 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

<table>
<thead>
<tr>
<th>Analyte</th>
<th>Recovery</th>
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</thead>
<tbody>
<tr>
<td>d14-p-Terphenyl</td>
<td>39.7%</td>
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<tr>
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<td>--------------------------------</td>
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<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
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</table>

Reported in μg/kg (ppb)

**Semivolatile Surrogate Recovery**  

<table>
<thead>
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<th>Analyte</th>
<th>Recovery</th>
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</thead>
<tbody>
<tr>
<td>dl4-p-Terphenyl</td>
<td>91.0%</td>
</tr>
</tbody>
</table>
Lab Sample ID: IH30E
LIMS ID: 05-12105
Matrix: Tissue
Data Release Authorized: 08/16/05
Reported: 08/16/05

Date Extracted: 07/28/05
Date Analyzed: 08/02/05 17:13
Instrument/Analyst: NT6/LJR
GPC Cleanup: No

QC Report No: IA50-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/03/04
Date Received: 07/13/05
Sample Amount: 15.0 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>67</td>
<td>&lt; 67 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

**Semivolatile Surrogate Recovery**

- d14-p-Terphenyl: 84.4%
ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: LLW-T3-C-SS-WB-comp-1

Lab Sample ID: IH50F
LIMS ID: 05-12106
Matrix: Tissue
Data Release Authorized: Reported: 08/16/05

Date Extracted: 07/28/05
Date Analyzed: 08/02/05 17:46
Instrument/Analyst: NT6/LJR
GFC Cleanup: No

QC Report No: IH50-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/03/04
Date Received: 07/19/05

Sample Amount: 13.2 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

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<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
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<tbody>
<tr>
<td>117-81-7</td>
<td>bis[2-Ethylhexyl]phthalate</td>
<td>76</td>
<td>&lt; 76 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d14-p-Terphenyl 73.2%
<table>
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<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>117-81-7</td>
<td>bis(2-Ethylhexyl)phthalate</td>
<td>89</td>
<td>&lt; 89 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

**Semivolatile Surrogate Recovery**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>d14-p-Terphenyl</td>
<td>37.1%</td>
</tr>
</tbody>
</table>

QC Report Nr: IH51-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/02/04
Date Received: 07/19/05

Sample Amount: 11.2 g-as-rec
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA
Sample ID: LDW-T1-M-DC-EM-comp-1

QC Report No: IH52-Windward Environmental Project: Lower Duwamish Waterway Group (LDWG)
Date Sampled: 08/30/04
Date Received: 07/19/05

Sample Amount: 6.74 g as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>7.4</td>
<td>&lt; 7.4 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

Chlorophenol Surrogate Recovery

<table>
<thead>
<tr>
<th></th>
<th>2,4,6-Tribromphenol</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>137%</td>
</tr>
</tbody>
</table>
**Sample ID:** LDW-T1-M-DC-EM-comp-2

**QC Report No:** IH52-Windward Environmental

- **Project:** Lower Duwamish Waterway Group (LDWG)
- **Date Sampled:** 08/30/04
- **Date Received:** 07/19/05

**Sample Amount:** 15.0 g-as-rec

- **Final Extract Volume:** 10 mL
- **Dilution Factor:** 1.00
- **Percent Moisture:** NA
- **pH:** NA

### Results

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>3.3</td>
<td>&lt; 3.3 U</td>
</tr>
</tbody>
</table>

**Chlorophenol Surrogate Recovery**

- **2,4,6-Tribromophenol**
  - 151%

FORM I
Sample ID: LDW-T1-M-DC-EM-comp-3

QC Report No: IH52-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/30/04
Date Received: 07/19/05

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>3.3</td>
<td>&lt; 3.3 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

Chlorophenol Surrogate Recovery

<p>| 2,4,6-Tribromophenol | 147% |</p>
<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>3.3</td>
<td>&lt; 3.3 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

**Chlorophenol Surrogate Recovery**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2,4,6-Tribromophenol</td>
<td>143%</td>
</tr>
</tbody>
</table>
**ORGANICS ANALYSIS DATA SHEET**

**PCP by GC/ECD Method SW8041**

**Sample ID:** LDW-T3-M-DC-EM-comp-2

**QC Report No:** IH52-Windward Environmental

**Project:** Lower Duwamish Waterway Group (LDWG)

**Date Sampled:** 09/03/04

**Date Received:** 07/19/05

**Sample Amount:** 15.0 g-as-rec

**Final Extract Volume:** 10 mL

**Dilution Factor:** 1.00

**Percent Moisture:** NA

**pH:** NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>3.3</td>
<td>&lt; 3.3 U</td>
</tr>
</tbody>
</table>

*Reported in μg/kg (ppb)*

**Chlorophenol Surrogate Recovery**

|                 | 2,4,6-Tribromophenol | 153% |

**FORM I**
**ORGANICS ANALYSIS DATA SHEET**  
**PCP by GC/ECD Method SW8041**  
**Page 1 of 1**  

**Sample ID:** LDW-T3-M-DC-HM-comp-3  
**SAMPLE**

<table>
<thead>
<tr>
<th>QC Report No: IH52-Windward Environmental</th>
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<tbody>
<tr>
<td>Project: Lower Duwamish Waterway Group (LDWG)</td>
</tr>
<tr>
<td>Date Sampled: 09/01/04</td>
</tr>
<tr>
<td>Date Received: 07/19/05</td>
</tr>
</tbody>
</table>

| Date Extracted: 08/30/05 |
| Date Analyzed: 09/05/05 16:56 |
| Instrument/Analyst: ECD1/AAR |

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>3.3</td>
<td>&lt; 3.3 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

**Chlorophenol Surrogate Recovery**

| 2,4,6-Tribromophenol | 147% |

**FORM I**
### Analytical Report

**Sample ID:** LDW-T4-M-DC-EM-comp-1

**QC Report No:** IH50-Windward Environmental

**Project:** Lower Duwamish Waterway Group (LDWG)

- **Date Sampled:** 08/31/04
- **Date Received:** 07/19/05
- **Sample Amount:** 15.0 g-as-rec
- **Final Extract Volume:** 20 mL
- **Dilution Factor:** 1.00
- **Percent Moisture:** NA
- **pH:** NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>6.7</td>
<td>&lt; 6.7 U</td>
</tr>
</tbody>
</table>

**Reported in µg/kg (ppb)**

**Chlorophenol Surrogate Recovery**

- **2,4,6-Tribromophenol:** 81.4%
<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>3.3</td>
<td>&lt; 3.3</td>
<td>U</td>
</tr>
</tbody>
</table>

Reported in μg/kg (ppb)

Chlorophenol Surrogate Recovery

<table>
<thead>
<tr>
<th>Analyte</th>
<th>Recovery</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,4,6-Tribromophenol</td>
<td>117%</td>
</tr>
</tbody>
</table>
**Sample ID:** LDW-T3-M-DC-HF-comp-1

**QC Report No:** IH52-Windward Environmental

**Project:** Lower Duwamish Waterway Group (LDWG)  
**Date Sampled:** 08/30/04  
**Date Received:** 07/19/05

**Sample Amount:** 15.0 g-as-rec  
**Final Extract Volume:** 10 mL  
**Dilution Factor:** 1.00  
**Percent Moisture:** WA  
**pH:** NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>3.3</td>
<td>&lt; 3.3 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

**Chlorophenol Surrogate Recovery**

|                  | 2,4,6-Tribromophenol | 70.9% |

**FORM I**
Sample ID: LDW-T4-M-DC-HP-comp-1

Sample: LGT2-Windward Environmental
Project: Lower Duwamish Waterway Group (LDW)
  04-08-06-22

Date Sampled: 08/31/04
Date Received: 07/19/05

Sample Amount: 10.0 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>4.6</td>
<td>&lt; 4.6 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

Chlorophenol Surrogate Recovery

| 2,4,6-Tribromophenol | 95.5%  |
ORGANICS ANALYSIS DATA SHEET
PCP by GC/ECD Method SW8041
Page 1 of 1

Lab Sample ID: IH51F
LIMS ID: 05-12116
Matrix: Tissue
Data Release Authorized: 
Reported: 08/29/05

Date Extracted: 07/29/05
Date Analyzed: 08/04/05 20:02
Instrument/Analyst: ECD1/AAR

QC Report No: IH51-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-2002
Date Sampled: 08/02/04
Date Received: 07/19/05

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>87-96-5</td>
<td>Pentachlorophenol</td>
<td>3.3</td>
<td>&lt; 3.3</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

Chlorophenol Surrogate Recovery

| 2,4,6-Tribromophenol | 83.0% |

FORM I
**ORGANICS ANALYSIS DATA SHEET**

**PCP by GC/ECD Method SW846**

**Page 1 of 1**

**Lab Sample ID:** IHS51G  
**LIMS ID:** 05-12117  
**Matrix:** Tissue  
**Data Release Authorized:**  
**Reported:** 08/29/05

**Date Extracted:** 07/29/05  
**Date Analyzed:** 08/04/05 20:26  
**Instrument/Analyst:** ECD1/AAR

---

**SAMPLE**

**QC Report No:** IHS51-Windward Environmental  
**Project:** Lower Duwamish Waterway Group (LDWG)  
**Date Sampled:** 08/03/04  
**Date Received:** 07/19/05

**Sample Amount:** 15.0 g-as-rec  
**Final Extract Volume:** 10 mL  
**Dilution Factor:** 1.00  
**Percent Moisture:** NA  
**pH:** NA

---

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
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<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>3.3</td>
<td>&lt; 3.3 U</td>
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</tbody>
</table>

- **Reported in μg/kg (ppb)**

**Chlorophenol Surrogate Recovery**

<p>| | |</p>
<table>
<thead>
<tr>
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<th></th>
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</thead>
<tbody>
<tr>
<td>2,4,6-Tribromophenol</td>
<td>83.3%</td>
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**FORM I**
<table>
<thead>
<tr>
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<th>Analyte</th>
<th>RL</th>
<th>Result</th>
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</thead>
<tbody>
<tr>
<td>87-26-5</td>
<td>Pentachlorophenol</td>
<td>3.3</td>
<td>&lt; 3.3 U</td>
</tr>
</tbody>
</table>

Reported in μg/kg (ppb)

**Chlorophenol Surrogate Recovery**

| 2,4,6-Tribromophenol | 84.4%  |

**Sample ID:** LDW-T2-M-ES-FL-comp-2
**Sample:**
**QC Report No:** IH51-Windward Environmental
**Project:** Lower Duwamish Waterway Group (LDWG)
**Date Sampled:** 08/03/04
**Date Received:** 07/19/05

**Sample Amount:** 15.0 g-as-rec
**Final Extract Volume:** 10 mL
**Dilution Factor:** 1.00
**Percent Moisture:** NA
**pH:** NA
Sample ID: LDW-T3-M-ES-FL-comp-1

QC Report No: IA50-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/03/04
Date Received: 07/19/05

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 20 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

<table>
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<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
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</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>6.7</td>
<td>&lt; 6.7 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

Chlorophenol Surrogate Recovery

<p>| | |</p>
<table>
<thead>
<tr>
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</tr>
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<tbody>
<tr>
<td>2,4,6-Tribromophenol</td>
<td>91.2%</td>
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</table>
**ORGANICS ANALYSIS DATA SHEET**

**PCP by GC/ECD Method SW846**

**Page 1 of 1**

Lab Sample ID: IH521
LIMS ID: 05-12133
Matrix: Tissue
Data Release Authorized:
Reported: 09/09/05

Date Extracted: 08/30/05
Date Analyzed: 09/05/05 20:19
Instrument/Analyst: ECD1/AAR

<table>
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<th>Result</th>
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<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>8.6</td>
<td>&lt; 8.6 U</td>
</tr>
</tbody>
</table>

**QC Report No:** IH52-Windward Environmental
**Project:** Lower Duwanish Waterway Group (LDWG)
**04-08-06-22**
**Date Sampled:** 08/30/04
**Date Received:** 07/19/05

**Sample Amount:** 5.82 g as rec
**Final Extract Volume:** 10 mL
**Dilution Factor:** 1.00
**Percent Moisture:** NA
**pH:** NA

---

**Chlorophenol Surrogate Recovery**

2,4,6-Tribromophenol 158%
Lab Sample ID: IH501
LIMS ID: 05-12109
Matrix: Tissue
Data Release Authorized: Reported: 08/17/05

Date Extracted: 07/28/05
Date Analyzed: 08/02/05 15:30
Instrument/Analyst: ECD1/AAR

QC Report No: IH50-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/03/04
Date Received: 07/19/05

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 20 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
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</thead>
<tbody>
<tr>
<td>87-66-5</td>
<td>Pentachlorophenol</td>
<td>6.7</td>
<td>2.3 J</td>
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</table>

Reported in µg/kg (ppb)

Chlorophenol Surrogate Recovery

<p>| | | |</p>
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>2,4,6-Tribromophenol</td>
<td></td>
<td>121%</td>
</tr>
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</table>
### ORGANICS ANALYSIS DATA SHEET

**Sample ID:** LDW-T2-M-ES-WS-comp-5

**QC Report No:** IH51-Windward Environmental

**Project:** Lower Duwamish Waterway Group (LDWG)

**Date Sampled:** 08/03/04

**Date Received:** 07/19/05

**Sample Amount:** 15.0 g-as-rec

**Final Extract Volume:** 10 mL

**Dilution Factor:** 1.00

**Percent Moisture:** NA

**pH:** NA

---

**Lab Sample ID:** LH511

**LIMS ID:** 05-12119

**Matrix:** Tissue

**Data Release Authorized:**

**Reported:** 08/29/05

**Date Extracted:** 07/29/05

**Date Analyzed:** 08/04/05 21:13

**Instrument/Analyst:** ECD1/AAR

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<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>3.3</td>
<td>&lt; 3.3 U</td>
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</table>

Reported in μg/kg (ppb)

**Chlorophenol Surrogate Recovery**

<p>| | |</p>
<table>
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</tr>
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<tbody>
<tr>
<td>2,4,6-Tribromphenol</td>
<td>150%</td>
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Lab Sample ID: IH51J
LIMS ID: 05-12120
Matrix: Tissue
Data Release Authorized: 08/29/05
Date Extracted: 07/29/05
Date Analyzed: 08/04/05 21:37
Instrument/Analyst: ECD1/AAR

QC Report No: IH51-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
Date Sampled: 08/03/04
Date Received: 07/19/05
Sample Amount: 15.0 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
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</thead>
<tbody>
<tr>
<td>87-46-5</td>
<td>Pentachlorophenol</td>
<td>3.3</td>
<td>1.9 J</td>
</tr>
</tbody>
</table>

Reported in μg/kg (ppb)

Chlorophenol Surrogate Recovery

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>2,4,6-Tribromophenol</td>
<td>113%</td>
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Lab Sample ID: IH51K  
LIMS ID: 05-12121  
Matrix: Tissue  
Data Release Authorized:  
Reported: 08/29/05

Date Extracted: 07/29/05  
Date Analyzed: 08/04/05 22:01  
Instrument/Analyst: ECD1/AAR

QC Report No: IH51-Windward Environmental  
Project: Lower Duwamish Waterway Group (LDWG)  
04-08-06-22  
Date Sampled: 08/03/04  
Date Received: 07/19/05

Sample Amount: 15.0 g-as-rec  
Final Extract Volume: 10 mL  
Dilution Factor: 1.00  
Percent Moisture: NA  
PH: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>3.3</td>
<td>&lt; 3.3 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

**Chlorophenol Surrogate Recovery**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2,4,6-Tribromophenol</td>
<td>102%</td>
</tr>
<tr>
<td>CAS Number</td>
<td>Analyte</td>
</tr>
<tr>
<td>------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

**Chlorophenol Surrogate Recovery**

|              | 2,4,6-Tribromophenol | 124% |

QC Report No: IH51-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/03/04
Date Received: 07/19/05
Sample Amount: 15.0 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA
**ORGANICS ANALYSIS DATA SHEET**  
PCP by GC/ECD Method SW8041  
Page 1 of 1

**Sample ID:** LDW-T3-M-ES-WB-comp-3  
**SAMPLE**

- **QC Report No:** IH50-Windward Environmental  
  - **Project:** Lower Duwamish Waterway Group (LDWG)  
  - **Date Sampled:** 08/03/04  
  - **Date Received:** 07/19/05

- **Sample Amount:** 15.0 g-as-rec  
- **Final Extract Volume:** 20 mL  
- **Dilution Factor:** 1.00  
- **Percent Moisture:** NA  
- **pH:** NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
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</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>6.7</td>
<td>&lt; 6.7 U</td>
</tr>
</tbody>
</table>

*Reported in µg/kg (ppb)*

**Chlorophenol Surrogate Recovery**

|             | 2,4,6-Tribromophenol | 145% |

**FORM I**
<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>4.1</td>
<td>&lt; 4.1 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

Chlorophenol Surrogate Recovery

|                  | 2,4,6-Tribromophenol     | 94.1%|

QC Report No: IHS1-Windward Environmental

Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22

Date Sampled: 08/03/04
Date Received: 07/19/05

Sample Amount: 12.1 g-as-rec

Final Extract Volume: 10 mL

Dilution Factor: 1.00

Percent Moisture: NA
pH: NA
### Analytical Resources Incorporated

**ORGANICS ANALYSIS DATA SHEET**  
**PCP by GC/ECD Method SW8041**  
**Page 1 of 1**

**Sample ID:** LDW-T3-M-ES-WB-comp-5  
**QC Report No:** IH51-Windward Environmental  
**Project:** Lower Duwamish Waterway Group (LDWG)  
**Date Sampled:** 08/05/04  
**Date Received:** 07/19/05  
**Sample Amount:** 15.0 g-as-rec

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>3.3</td>
<td>&lt; 3.3 U</td>
</tr>
</tbody>
</table>

**Reported in µg/kg (ppb)**

**Chlorophenol Surrogate Recovery**

| 2,4,6-Tribromophenol | 97.8% |

**FORM I**
**ORGANICS ANALYSIS DATA SHEET**

**PCP by GC/ECD Method SW8041**

**Sample ID**: LDW-T3-M-ES-WB-comp-6

**QC Report No**: IH51-Windward Environmental  
**Project**: Lower Duwamish Waterway Group(LDWG)  
**Date Sampled**: 06/05/04  
**Date Received**: 07/19/05

**Lab Sample ID**: IH51C  
**LIMS ID**: 05-12113  
**Matrix**: Tissue  
**Data Release Authorized**:  
**Date Extracted**: 07/29/05  
**Date Analyzed**: 08/04/05 18:03  
**Instrument/Analyst**: ECD1/AAR

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<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>3.3</td>
<td>&lt; 3.3 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

**Chlorophenol Surrogate Recovery**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2,4,6-Tribromophenol</td>
<td>109%</td>
</tr>
</tbody>
</table>

**FORM T**
Sample ID: LDW-T4-M-ES-WB-comp-1

QC Report No: IH52-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
  04-08-06-22
Date Sampled: 08/30/04
Date Received: 07/19/05

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>3.3</td>
<td>1.5 J</td>
</tr>
</tbody>
</table>

Reported in μg/kg (ppb)

Chlorophenol Surrogate Recovery

<table>
<thead>
<tr>
<th>Compound</th>
<th>Recovery</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,4,6-Tribromophenol</td>
<td>205%</td>
</tr>
</tbody>
</table>
**Analytical Resources Incorporated**

**SAMPLE**

- **Sample ID:** LDW-T4-M-ES-WB-comp-3
- **QC Report No:** IH52-Windward Environmental
- **Project:** Lower Duwamish Waterway Group (LDWG)
- **Date Sampled:** 08/30/04
- **Date Received:** 07/19/05
- **Sample Amount:** 15.0 g-as-rec
- **Final Extract Volume:** 10 mL
- **Dilution Factor:** 1.00
- **Percent Moisture:** NA
- **pH:** NA

**Lab Sample ID:** IH52K
**LIMS ID:** 05-12135
**Matrix:** Tissue
**Data Release Authorized:** Reported: 10/04/05
**Date Extracted:** 08/30/05
**Date Analyzed:** 09/05/05 21:09
**Instrument/Analyst:** ECD1/AAR

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<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>3.3</td>
<td>1.1 J</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

**Chlorophenol Surrogate Recovery**

| 2,4,6-Tribromophenol | 198% |

**Page 1 of 1**
Sample ID: LDW-M-M-PP-FL-comp-1

QC Report No: IH50-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/03/04
Date Received: 07/19/05

Sample Amount: 15.0 g-as-wet
Final Extract Volume: 20 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
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</thead>
<tbody>
<tr>
<td>97-86-5</td>
<td>Pentachlorophenol</td>
<td>6.7</td>
<td>&lt; 6.7</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

Chlorophenol Surrogate Recovery

|              | 2,4,6-Tribromophenol | 70.9% |

FORM I
<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Penta-chlorophenol</td>
<td>3.3</td>
<td>&lt; 3.3 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

**Chlorophenol Surrogate Recovery**

| 2,4,6-Tribromophenol | 99.3% |
**ORGANICS ANALYSIS DATA SHEET**

**Sample ID:** LDW-T2-M-SC-RM-comp-2

**Lab Sample ID:** IH52S  
**LIMS ID:** 05-12143  
**Matrix:** Tissue  
**Data Release Authorized:**  
**Reported:** 09/09/05

**Date Extracted:** 08/30/05  
**Date Analyzed:** 09/06/05 00:57  
**Instrument/Analyst:** ECD/AR

**QC Report No:** IH52-Windward Environmental  
**Project:** Lower Duwamish Waterway Group (LDW)  
04-08-06-22  
**Date Sampled:** 08/31/04  
**Date Received:** 07/19/05

**Sample Amount:** 13.6 g-as-rec  
**Final Extract Volume:** 10 mL  
**Dilution Factor:** 1.00  
**Percent Moisture:** NA  
**pH:** NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>3.7</td>
<td>&lt; 3.7 U</td>
</tr>
</tbody>
</table>

Reported in μg/kg (ppb)

**Chlorophenol Surrogate Recovery**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2,4,6-Tribromophenol</td>
<td>96.3%</td>
</tr>
</tbody>
</table>
Sample ID: LDW-T2-M-9C-EM-comp-3

SAMPLE

QC Report No: IHS2-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-03-06-22
Date Sampled: 08/31/04
Date Received: 07/19/05
Sample Amount: 15.0 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>3.3</td>
<td>&lt; 3.3 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

Chlorophenol Surrogate Recovery

2,4,6-Tri bromophenol 122%
<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>XL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Fentachlorophenol</td>
<td>3.3</td>
<td>&lt; 3.3 U</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Reported in μg/kg (ppb)

**Chlorophenol Surrogate Recovery**

- 2,4,6-Tribromophenol: 105%
Sample ID: LDW-T2-M-SC-EM-comp-5

QC Report No: IH52-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/31/04
Date Received: 07/19/05

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>3.3</td>
<td>&lt; 3.3 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

**Chlorophenol Surrogate Recovery**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2,4,6-Tribromophenol</td>
<td>157%</td>
</tr>
</tbody>
</table>
QC Report No: IH52-Windward Environmental
  Project: Lower Duwamish Waterway Group (LDWG)
  04-05-36-22
Date Sampled: 08/31/04
Date Received: 07/19/05

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>3.3</td>
<td>&lt; 3.3 U</td>
</tr>
</tbody>
</table>

Reported in μg/kg (ppb)

**Chlorophenol Surrogate Recovery**

- 2,4,6-Tribromophenol: 136%
<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>7.2</td>
<td>&lt; 7.2 U</td>
</tr>
</tbody>
</table>

Reported in μg/kg (ppb)

**Chlorophenol Surrogate Recovery**

| 2,4,6-Tribromophenol | 64.6% |
**Organics Analysis Data Sheet**

**PCP by GC/ECD Method SW846**

**Page 1 of 1**

**Sample ID:** LDW-T3-M-SC-EM-comp-2

**QC Report No:** IH52-Windward Environmental

**Project:** Lower Duwamish Waterway Group (LDWG)

**Date Sampled:** 09/03/04

**Date Received:** 07/19/05

**Date Extracted:** 08/30/05

**Date Analyzed:** 09/05/05 18:37

**Instrument/Analyst:** ECD1/AAR

---

<table>
<thead>
<tr>
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<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>3.3</td>
<td>&lt; 3.3 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

**Chlorophenol Surrogate Recovery**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2,4,6-Tribromophenol</td>
<td>167%</td>
</tr>
</tbody>
</table>
ORGANICS ANALYSIS DATA SHEET
PCP by QC/ECD Method SW8041
Page 1 of 1

Lab Sample ID: IHS2F
LIMS ID: 05-12130
Matrix: Tissue
Data Release Authorized: 
Reported: 09/09/05

Date Extracted: 08/30/05
Date Analyzed: 09/05/05 19:03
Instrument/Analyst: ECD1/AAR

QC Report No: IHS2-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 09/03/04
Date Received: 07/19/05

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>EL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-85-5</td>
<td>Pentachlorophenol</td>
<td>3.3</td>
<td>&lt; 3.3 U</td>
</tr>
</tbody>
</table>

Reported in μg/kg (ppb)

Chlorophenol Surrogate Recovery

2,4,6-Tribromophenol 121%
ORGANICS ANALYSIS DATA SHEET
PCP by GC/ECD Method SW846
Page 1 of 1

Lab Sample ID: IH52Q
LIMS ID: 05-12141
Matrix: Tissue
Data Release Authorized:
Reported: 09/09/05

Date Extracted: 09/30/05
Date Analyzed: 09/06/05 00:06
Instrument/Analyst: ECD1/AAR

QC Report No: IH52-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
Date Sampled: 08/30/04
Date Received: 07/19/05

Sample Amount: 4.72 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>11</td>
<td>&lt; 11 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

Chlorophenol Surrogate Recovery

| 2,4,6-Tribromophenol | 171%       |

FORM I
### Analytical Data Sheet

**Sample ID**: LDW-T2-K-SC-HP-comp-1

- **QC Report No**: IM87-Windward Environmental, LLC
- **Project**: Lower Duwamish Waterway Group (LDWG)
- **Date Sampled**: 08/31/04
- **Date Received**: 09/07/05
- **Sample Amount**: 15.0 g-as-rec
- **Final Extract Volume**: 10 mL
- **Dilution Factor**: 1.00
- **Percent Moisture**: NA
- **pH**: NA

### CAS Number | Analyte | RL | Result
--- | --- | --- | ---
87-86-5 | Pentachlorophenol | 3.3 | < 3.3 U

Reported in µg/kg (ppb)

### Chlorophenol Surrogate Recovery

<table>
<thead>
<tr>
<th>Analyte</th>
<th>Recovery</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,4,6-Tribromophenol</td>
<td>106%</td>
</tr>
</tbody>
</table>

---

**FORM I**
<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>3.3</td>
<td>&lt; 3.3 U</td>
</tr>
</tbody>
</table>

Reported in μg/kg (ppb)

**Chlorophenol Surrogate Recovery**

<table>
<thead>
<tr>
<th>Analyte</th>
<th>Recovery</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,4,6-Tribromophenol</td>
<td>89.8%</td>
</tr>
</tbody>
</table>
Sample ID: LDW-T3-M-SC-HP-comp-1

QC Report No: IH52-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 09/03/04
Date Received: 07/19/05

Sample Amount: 11.3 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>4.4</td>
<td>&lt; 4.4 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

Chlorophenol Surrogate Recovery

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2,4,6-Tribromophenol</td>
<td>158%</td>
</tr>
</tbody>
</table>
**ORGANICS ANALYSIS DATA SHEET**

PCP by GC/ECD Method SW846

---

**Sample ID:** LDW-T4-M-SP-PL-comp-1

**QC Report No:** IM87-Windward Environmental, LLC

**Project:** Lower Duwamish Waterway Group (LDWG)

**Date Sampled:** 08/30/04

**Date Received:** 09/07/05

**Sample Amount:** 15.0 g-as-rec

**Final Extract Volume:** 10 mL

**Dilution Factor:** 1.00

**Percent Moisture:** NA

**pH:** NA

---

**CAS Number** | **Analyte** | **RL** | **Result** |
--- | --- | --- | --- |
87-86-5 | Pentachlorophenol | 3.3 | < 3.3 U |

reported in µg/kg (ppb)

**Chlorophenol Surrogate Recovery**

2,4,6-Tribromophenol | 122% |

---

**FORM I**
**ORGANICS ANALYSIS DATA SHEET**

**PCP by GC/ECD Method SW846**

**Page 1 of 1**

**Sample ID: LDW-T4-M-SF-WB-comp-1**

**SAMPLE**

QC Report No: IH51-Windward Environmental

Project: Lower Duwamish Waterway Group (LDWG)

04-08-06-22

Date Sampled: 08/04/04

Date Received: 07/19/05

Sample Amount: 15.0 g-as-rec

Final Extract Volume: 10 mL

Dilution Factor: 1.00

Percent Moisture: NA

pH: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>3.3</td>
<td>1.3</td>
</tr>
</tbody>
</table>

Reported in μg/kg (ppb)

**Chlorophenol Surrogate Recovery**

<table>
<thead>
<tr>
<th>Analyte</th>
<th>Recovery</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,4,6-Tribromophenol</td>
<td>137%</td>
</tr>
</tbody>
</table>
QC Report No: IR50-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/02/04
Date Received: 07/19/05
Sample Amount: 15.0 g-as-rec
Final Extract Volume: 20 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>6.7</td>
<td>&lt; 6.7 U</td>
</tr>
</tbody>
</table>

Reported in μg/kg (ppb)

Chlorophenol Surrogate Recovery

| 2,4,6-Tribromophenol | 117% |
QC Report No: IH51-Windward Environmental  
Project: Lower Duwamish Waterway Group (LDWG)  
04-08-06-22  
Date Sampled: 08/04/04  
Date Received: 07/19/05  

Sample Amount: 15.0 g-as-rec  
Final Extract Volume: 10 mL  
Dilution Factor: 1.00  
Percent Moisture: NA  
pH: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-85-5</td>
<td>Pentachlorophenol</td>
<td>3.3</td>
<td>&lt; 3.3 U</td>
</tr>
</tbody>
</table>

Reported in μg/kg (ppb)

Chlorophenol Surrogate Recovery

| 2,4,6-Tribromophenol | 106% |

FORM I
Sample ID: LDW-M-M-SP-FL-comp-1

QC Report No: IH50-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/04/04
Date Received: 07/19/05
Sample Amount: 15.0 g-as-rec
Final Extract Volume: 20 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>6.7</td>
<td>&lt; 6.7 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

Chlorophenol Surrogate Recovery

|                | 2,4,6-Tribromophenol | 73.5% |

FORM I
Sample ID: LDW-T3-A-SS-WB-comp-1

Lab Sample ID: IHS1M
LIMS ID: 05-12123
Matrix: Tissue
Data Release Authorized: 08/29/05
Reported: 08/29/05

Date Extracted: 07/29/05
Date Analyzed: 08/04/05 22:48
Instrument/Analyst: ECD1/AAR

QC Report No: IHS1-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/02/04
Date Received: 07/19/05

Sample Amount: 11.0 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>4.5</td>
<td>&lt; 4.6 U</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Reported in µg/kg (ppb)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Chlorophenol Surrogate</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Recovery</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2,4,6-Tribromophenol</td>
<td></td>
<td>222%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Sample ID: LLW-T3-B-S8-WR-comp-1

QC Report No: IH50-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/03/04
Date Received: 07/19/05

Sample Amount: 15.0 g-as-rec
Final Extract Volume: 20 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>6.7</td>
<td>2.8 J</td>
</tr>
</tbody>
</table>

Reported in pg/kg (ppb)

Chlorophenol Surrogate Recovery

<table>
<thead>
<tr>
<th>Analyte</th>
<th>Recovery</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,4,6-Tribromophenol</td>
<td>166%</td>
</tr>
</tbody>
</table>
Sample ID: LDW-T3-C-SS-WB-comp-1

**SAMPLE**

QC Report No: IH50-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-22
Date Sampled: 08/03/04
Date Received: 07/19/05

Sample Amount: 13.2 g-as-rec
Final Extract Volume: 20 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>7.6</td>
<td>&lt; 7.6 U</td>
</tr>
</tbody>
</table>

Reported in µg/kg (ppb)

**Chlorophenol Surrogate Recovery**

| 2,4,6-Tribromophenol | 161% |
QC Report No: IH51-Windward Environmental
Project: Lower Duwamish Waterway Group (LDWG)
04-08-06-32
Date Sampled: 08/02/04
Date Received: 07/19/05

Sample Amount: 11.2 g-as-rec
Final Extract Volume: 10 mL
Dilution Factor: 1.00
Percent Moisture: NA
pH: NA

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Analyte</th>
<th>RL</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>87-86-5</td>
<td>Pentachlorophenol</td>
<td>4.5</td>
<td>&lt; 4.5 U</td>
</tr>
</tbody>
</table>

Reported in μg/kg (ppb)

Chlorophenol Surrogate Recovery

|                | 2,4,6-Tribromophenol | 202% |

FORM I