

Table C.3-1. Adjacent Streets – PCB Results

| Sample Location | Sample Identification | Location Description | Sample Date | Sample Depth (inches) | Removed ^a | Total PCB (mg/kg dw) ⁴ | Notes | Superseded by MIS |
|--|-----------------------|---|-------------|-----------------------|----------------------|-----------------------------------|-------|-------------------|
| Dallas Ave. S. - East of 16th Ave. S. | | | | | | | | |
| MW-9 | MW-09-0.5-2.0 | Dallas Ave S, between 17th Ave S and S Donovan St | 2/27/2008 | 24 | No | 1.4 | 1 | -- |
| MW-9 | MW-09-2.5-4.0 | Dallas Ave S, between 17th Ave S and S Donovan St | 2/27/2008 | 48 | No | 0.033 | U 1 | -- |
| MW-9 | MW-09-5.0-6.5 | Dallas Ave S, between 17th Ave S and S Donovan St | 2/27/2008 | 78 | No | 0.055 | 1 | -- |
| MW-9 | MW-09-7.5-9.0 | Dallas Ave S, between 17th Ave S and S Donovan St | 2/27/2008 | 108 | No | 0.032 | U 1 | -- |
| MW-9 | MW-09-10.0-11.5 | Dallas Ave S, between 17th Ave S and S Donovan St | 2/27/2008 | 138 | No | 0.033 | U 1 | -- |
| MW-9 | MW-09-12.5-14.0 | Dallas Ave S, between 17th Ave S and S Donovan St | 2/27/2008 | 168 | No | 0.033 | U 1 | -- |
| MW-10 | MW-10-0.5-2.0 | Dallas Ave S, between 17th Ave S and S Donovan St | 2/28/2008 | 24 | No | 0.40 | 1 | -- |
| MW-10 | MW-10-2.5-4.0 | Dallas Ave S, between 17th Ave S and S Donovan St | 2/28/2008 | 48 | No | 1.5 | 1 | -- |
| MW-10 | MW-10-5.0-6.5 | Dallas Ave S, between 17th Ave S and S Donovan St | 2/28/2008 | 78 | No | 0.54 | 1 | -- |
| MW-10 | MW-10-7.5-9.0 | Dallas Ave S, between 17th Ave S and S Donovan St | 2/28/2008 | 108 | No | 0.10 | 1 | -- |
| MW-10 | DUP-02-022808 | Field duplicate of MW-10-7.5-9.0 | 2/28/2008 | 108 | No | 0.14 | 1 | -- |
| MW-10 | MW-10-10.0-11.5 | Dallas Ave S, between 17th Ave S and S Donovan St | 2/28/2008 | 138 | No | 0.053 | 1 | -- |
| MW-10 | MW-10-12.5-14.0 | Dallas Ave S, between 17th Ave S and S Donovan St | 2/28/2008 | 168 | No | 0.032 | U 1 | -- |
| P65 | P65-2 | Dallas Ave S, between 16th Ave S and 17th Ave S | 2/7/2006 | 24 | No | 0.019 | U 2 | -- |
| P65 | P65-4 | Dallas Ave S, between 16th Ave S and 17th Ave S | 2/7/2006 | 48 | No | 0.45 | 2 | -- |
| P65 | P65-4DUP | Field duplicate of P65-4 | 2/7/2006 | 48 | No | 1.2 | 2 | -- |
| P65 | P65-6 | Dallas Ave S, between 16th Ave S and 17th Ave S | 2/7/2006 | 72 | No | 0.58 | 2 | -- |
| P65 | P65-8 | Dallas Ave S, between 16th Ave S and 17th Ave S | 2/7/2006 | 96 | No | 0.020 | U 2 | -- |
| P66 | P66-2 | Dallas Ave S, between 16th Ave S and 17th Ave S | 2/6/2006 | 24 | No | 0.68 | 2 | -- |
| P66 | P66-4 | Dallas Ave S, between 16th Ave S and 17th Ave S | 2/6/2006 | 48 | No | 1.4 | 2 | -- |
| P66 | P66-6 | Dallas Ave S, between 16th Ave S and 17th Ave S | 2/6/2006 | 72 | No | 0.054 | 2 | -- |
| P67 | P67-4 | Dallas Ave S, between 16th Ave S and 17th Ave S | 2/6/2006 | 48 | No | 0.28 | 2 | -- |
| P67 | P67-6 | Dallas Ave S, between 16th Ave S and 17th Ave S | 2/6/2006 | 72 | No | 0.11 | 2 | -- |
| P68 | P68-2 | Dallas Ave S, between 16th Ave S and 17th Ave S | 2/6/2006 | 24 | No | 2.4 | 2 | -- |
| P68 | P68-4 | Dallas Ave S, between 16th Ave S and 17th Ave S | 2/6/2006 | 48 | No | 0.050 | 2 | -- |
| P68 | P68-6 | Dallas Ave S, between 16th Ave S and 17th Ave S | 2/6/2006 | 72 | No | 0.41 | 2 | -- |
| P70 | P70-4 | 17th Ave S | 2/7/2006 | 48 | No | 0.019 | U 2 | -- |
| P70 | P70-4DUP | Field duplicate of P70-4 | 2/7/2006 | 48 | No | 0.019 | U 2 | -- |
| P70 | P70-6 | 17th Ave S | 2/7/2006 | 72 | No | 0.019 | U 2 | -- |
| P76 | P76-2 | Dallas Ave S, between 17th Ave S and S Donovan St | 2/7/2006 | 24 | No | 0.90 | 2 | -- |
| P76 | P76-4 | Dallas Ave S, between 17th Ave S and S Donovan St | 2/7/2006 | 48 | No | 0.019 | U 2 | -- |
| P76 | P76-6 | Dallas Ave S, between 17th Ave S and S Donovan St | 2/7/2006 | 72 | No | 0.014 | J 2 | -- |
| P78 | P78-4 | Dallas Ave S, between 17th Ave S and S Donovan St | 2/8/2006 | 48 | No | 0.020 | U 2 | -- |
| P78 | P78-6 | Dallas Ave S, between 17th Ave S and S Donovan St | 2/8/2006 | 72 | No | 0.14 | 2 | -- |
| P79 | P79-4 | Dallas Ave S, between 17th Ave S and S Donovan St | 2/8/2006 | 48 | No | 0.045 | 2 | -- |
| P79 | P79-6 | Dallas Ave S, between 17th Ave S and S Donovan St | 2/8/2006 | 72 | No | 0.11 | 2 | -- |
| P80 | P80-4 | Dallas Ave S, between 17th Ave S and S Donovan St | 2/8/2006 | 48 | No | 0.020 | U 2 | -- |
| P80 | P80-4DUP | Field duplicate of P80-4 | 2/8/2006 | 48 | No | 0.020 | U 2 | -- |

Revised EE/CA, Appendix C

June 3, 2010

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| Sample Location | Sample Identification | Location Description | Sample Date | Sample Depth (inches) | Removed ^a | Total PCB (mg/kg dw) ⁴ | Notes | Superseded by MIS |
|-----------------|-----------------------|---|-------------|-----------------------|----------------------|-----------------------------------|-------|-------------------|
| P80 | P80-6 | Dallas Ave S, between 17th Ave S and S Donovan St | 2/8/2006 | 72 | No | 0.016 | J 2 | -- |
| P85 | P85-2 | Dallas Ave S and 17th Ave S | 3/31/2006 | 24 | No | 8.3 | 2 | -- |
| P85 | P85-4 | Dallas Ave S and 17th Ave S | 3/31/2006 | 48 | No | 0.61 | 2 | -- |
| P85 | P85-6 | Dallas Ave S and 17th Ave S | 3/31/2006 | 72 | No | 0.020 | U 2 | -- |
| P85 | P85-8 | Dallas Ave S and 17th Ave S | 3/31/2006 | 96 | No | 0.020 | U 2 | -- |
| P85 | P85-10 | Dallas Ave S and 17th Ave S | 3/31/2006 | 120 | No | 0.019 | U 2 | -- |
| P86 | P86-2 | Dallas Ave S, between 17th Ave S and S Donovan St | 3/31/2006 | 24 | No | 61 | 2 | -- |
| P86 | P86-4 | Dallas Ave S, between 17th Ave S and S Donovan St | 3/31/2006 | 48 | No | 0.019 | U 2 | -- |
| P86 | P86-6 | Dallas Ave S, between 17th Ave S and S Donovan St | 3/31/2006 | 72 | No | 0.020 | U 2 | -- |
| P86 | P86-8 | Dallas Ave S, between 17th Ave S and S Donovan St | 3/31/2006 | 96 | No | 0.020 | U 2 | -- |
| P86 | P86-8DUP | Field duplicate of P86-8 | 3/31/2006 | 96 | No | 0.019 | U 2 | -- |
| P86 | P86-10 | Dallas Ave S, between 17th Ave S and S Donovan St | 3/31/2006 | 120 | No | 0.020 | U 2 | -- |
| P87 | P87-2 | Dallas Ave S, between 17th Ave S and S Donovan St | 3/31/2006 | 24 | No | 0.20 | 2 | -- |
| P87 | P87-4 | Dallas Ave S, between 17th Ave S and S Donovan St | 3/31/2006 | 48 | No | 0.027 | 2 | -- |
| P87 | P87-6 | Dallas Ave S, between 17th Ave S and S Donovan St | 3/31/2006 | 72 | No | 0.22 | 2 | -- |
| P87 | P87-8 | Dallas Ave S, between 17th Ave S and S Donovan St | 3/31/2006 | 96 | No | 0.049 | 2 | -- |
| P87 | P87-10 | Dallas Ave S, between 17th Ave S and S Donovan St | 3/31/2006 | 120 | No | 0.019 | U 2 | -- |
| RS-A1 | A1-11-06 | Dallas Ave S | 11/10/2006 | 0 | No | 0.61 | J 3 | -- |
| RS-A1 | A14-11-06 | Field duplicate of A1-11-06 | 11/10/2006 | 0 | No | 0.036 | J 3 | -- |
| RS-A1 | A1-09-14-06 | Dallas Ave S | 9/14/2006 | 0 | No | 3.6 | J 3 | -- |
| RS-A1 | A10-09-14-06 | Field duplicate of A1-09-14-06 | 9/14/2006 | 0 | No | 3.5 | 3 | -- |
| RS-A2 | A2-09-12-06 | Dallas Ave S | 9/12/2006 | 0 | No | 2.4 | 3 | -- |
| RS-A2 | A2-11-06 | Dallas Ave S | 11/10/2006 | 0 | No | 0.89 | 3 | -- |
| RS-A7 | A7-11-06 | Dallas Ave S | 11/10/2006 | 0 | No | 1.8 | 3 | -- |
| RS-A7 | A7-09-15-06 | Dallas Ave S | 9/15/2006 | 0 | No | 2.2 | 3 | -- |
| RW-03 | RW-03 | Dallas Ave S, between 17th Ave S and S Donovan St | 3/2/2004 | 1.2 | No | 0.62 | 3 | -- |
| RW-04 | RW-04 | Dallas Ave S, between 17th Ave S and S Donovan St | 3/3/2004 | 1.2 | No | 0.33 | 3 | -- |
| RW-06 | RW-06 | Dallas Ave S, between 17th Ave S and S Donovan St | 3/4/2004 | 1.2 | No | 0.32 | 3 | -- |
| TP1 | TP1-0.5 | Dallas Ave S at W edge 17th Ave S | 11/16/2004 | 6 | No | 9.8 | 4,5 | -- |
| TP1 | TP1-1.0 | Dallas Ave S at W edge 17th Ave S | 11/16/2004 | 12 | No | 1.1 | 4,5 | -- |
| TP2 | TP2-0.5 | Dallas Ave S and 17th Ave S | 11/16/2004 | 6 | No | 7.0 | 4,5 | -- |
| TP2 | TP2-1.0 | Dallas Ave S and 17th Ave S | 11/16/2004 | 12 | No | 0.36 | 4,5 | -- |
| TP3 | TP3-0.5 | 17th Ave S at S edge Dallas Ave S | 11/16/2004 | 6 | No | 4.7 | 4,5 | -- |
| TP3 | TP3-1.0 | 17th Ave S at S edge Dallas Ave S | 11/16/2004 | 12 | No | 1.7 | 4,5 | -- |
| TP6 | TP6-1.0 | Dallas Ave S at BO1 | 11/16/2004 | 12 | No | 12 | 4,5 | -- |
| TP6 | TP6-2.0 | Dallas Ave S at BO1 | 11/16/2004 | 24 | No | 0.34 | 4,5 | -- |
| TP6 | TP6-3.0 | Dallas Ave S at BO1 | 11/16/2004 | 36 | No | 0.10 | 4,5 | -- |
| TP7 | TP7-1.0 | Dallas Ave S at BO2 | 11/17/2004 | 12 | No | 7.5 | 4,5 | -- |
| TP7 | TP7-2.0 | Dallas Ave S at BO2 | 11/17/2004 | 24 | No | 0.59 | 4,5 | -- |

Revised EE/CA, Appendix C

June 3, 2010

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| Sample Location | Sample Identification | Location Description | Sample Date | Sample Depth (inches) | Removed ^a | Total PCB (mg/kg dw) ⁴ | Notes | Superseded by MIS | |
|--|-----------------------|--|-------------|-----------------------|----------------------|-----------------------------------|-------|-------------------|----|
| TP7 | TP7-3.0 | Dallas Ave S at BO2 | 11/17/2004 | 36 | No | 0.15 | J | 4.5 | -- |
| TP8 | TP8-1.0 | Dallas Ave S at BO3 | 11/17/2004 | 12 | No | 11 | | 4.5 | -- |
| TP8 | TP8-2.0 | Dallas Ave S at BO3 | 11/17/2004 | 24 | No | 0.24 | | 4.5 | -- |
| TP8 | TP8-3.0 | Dallas Ave S at BO3 | 11/17/2004 | 36 | No | 0.045 | | 4.5 | -- |
| TP9 | TP9-1.0 | Dallas Ave S at S Donovan St | 11/17/2004 | 12 | No | 18 | | 4.5 | -- |
| TP9 | TP9-2.0 | Dallas Ave S at S Donovan St | 11/17/2004 | 24 | No | 21 | | 4.5 | -- |
| TP9 | TP9-3.0 | Dallas Ave S at S Donovan St | 11/17/2004 | 36 | No | 0.042 | U | 4.5 | -- |
| TP10 | TP10-1.0 | CB at Dallas Ave S and S Donovan St | 11/17/2004 | 12 | No | 2.6 | | 4.5 | -- |
| TP10 | TP10-2.0 | CB at Dallas Ave S and S Donovan St | 11/17/2004 | 24 | No | 0.17 | | 4.5 | -- |
| TP10 | TP10-3.0 | CB at Dallas Ave S and S Donovan St | 11/17/2004 | 36 | No | 0.046 | | 4.5 | -- |
| TP10 | TP10-4.0 | CB at Dallas Ave S and S Donovan St | 11/17/2004 | 48 | No | 0.031 | J | 4.5 | -- |
| TP10 | TP10-5.0 | CB at Dallas Ave S and S Donovan St | 11/17/2004 | 60 | No | 0.031 | J | 4.5 | -- |
| TP23 | D-C1-0.5 | Dallas Ave S across from Basin Oil entrance center | 11/3/2004 | 6 | No | 4.9 | | 4.5 | -- |
| TP23 | D-C1-1.0 | Dallas Ave S across from Basin Oil entrance center | 11/3/2004 | 12 | No | 1.7 | | 4.5 | -- |
| TP24 | D-E1-0.5 | Dallas Ave S at T117 S entrance | 11/4/2004 | 6 | No | 7.0 | | 4.5 | -- |
| TP24 | D-E1-1.0 | Dallas Ave S at T117 S entrance | 11/4/2004 | 12 | No | 1.9 | | 4.5 | -- |
| TP25 | D-E2-0.5 | E side Dallas Ave S at T117 (mid) | 11/2/2004 | 6 | No | 6.8 | | 4.5 | -- |
| TP25 | D-E2-1.0 | E side Dallas Ave S at T117 (mid) | 11/2/2004 | 12 | No | 6.5 | | 4.5 | -- |
| TP26 | D-E3-0.5 | E side Dallas Ave S at center entrance | 11/2/2004 | 6 | No | 66 | | 4.5 | -- |
| TP26 | D-E3-1.0 | E side Dallas Ave S at center entrance | 11/2/2004 | 12 | No | 13 | | 4.5 | -- |
| TP28 | D-S1-0.5 | S side Dallas Ave S, W of 17th Ave S | 11/2/2004 | 6 | No | 9.5 | | 4.5 | -- |
| TP28 | D-S1-1.0 | S side Dallas Ave S, W of 17th Ave S | 11/2/2004 | 12 | No | 8.7 | | 4.5 | -- |
| TP37 | TP37-0.5 | Dallas Ave across from boat storage yard (base of 6" excavation) | 12/9/2004 | 6 | No | 5.8 | | 4.5 | -- |
| TP40 | TP40-0.5 | 8601 17th Ave S (Dallas side #1) - base of 6" excavation | 12/10/2004 | 6 | No | 480 | | 4.5 | -- |
| TP40 | TP40-1.0 | 8601 17th Ave S (Dallas side #1) | 12/10/2004 | 12 | No | 0.68 | | 4.5 | -- |
| TP40 | TP40-2.0 | 8601 17th Ave S (Dallas side #1) | 12/10/2004 | 24 | No | 0.34 | | 4.5 | -- |
| TP41 | TP41-0.5 | Dallas Ave S at boat storage yard--base of 6" excavation | 12/10/2004 | 6 | No | 140 | | 4.5 | -- |
| TP41 | TP41-1.0 | Dallas Ave S at boat storage yard | 12/10/2004 | 12 | No | 12 | | 4.5 | -- |
| TP41 | TP41-2.0 | Dallas Ave S at boat storage yard | 12/10/2004 | 24 | No | 5.9 | | 4.5 | -- |
| TP42 | TP42-0.5 | 8601 17th Ave S (Dallas side #2-in front of garage)--base of 6" excavation | 12/10/2004 | 6 | No | 100 | | 4.5 | -- |
| TP42 | TP42-1.0 | 8601 17th Ave S (Dallas side #2-in front of garage) | 12/10/2004 | 12 | No | 0.57 | | 4.5 | -- |
| TP42 | TP42-2.0 | 8601 17th Ave S (Dallas side #2-in front of garage) | 12/10/2004 | 24 | No | 0.28 | | 4.5 | -- |
| Dallas Ave. S. - West of 16th Ave. S. | | | | | | | | | |
| P60 | P60-4 | Dallas Avenue S, W of 16th Avenue S | 2/6/2006 | 48 | No | 0.020 | U | 2 | -- |
| P60 | P60-6 | Dallas Avenue S, W of 16th Avenue S | 2/6/2006 | 72 | No | 0.019 | U | 2 | -- |

Revised EE/CA, Appendix C

June 3, 2010

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| Sample Location | Sample Identification | Location Description | Sample Date | Sample Depth (inches) | Removed ^a | Total PCB (mg/kg dw) ⁴ | Notes | Superseded by MIS |
|-----------------|-----------------------|---|-------------|-----------------------|----------------------|-----------------------------------|-------|-------------------|
| P83 | P83-2 | Dallas Avenue S, W of 16th Avenue S | 2/6/2006 | 24 | No | 7.7 | 2 | -- |
| P83 | P83-4 | Dallas Avenue S, W of 16th Avenue S | 2/6/2006 | 48 | No | 0.049 | 2 | -- |
| P83 | P83-6 | Dallas Avenue S, W of 16th Avenue S | 2/6/2006 | 72 | No | 0.020 | U 2 | -- |
| P84 | P84-2 | Dallas Avenue S, W of 16th Avenue S | 2/6/2006 | 24 | No | 0.015 | J 2 | -- |
| P84 | P84-4 | Dallas Avenue S, W of 16th Avenue S | 2/6/2006 | 48 | No | 0.020 | U 2 | -- |
| P84 | P84-6 | Dallas Avenue S, W of 16th Avenue S | 2/6/2006 | 72 | No | 0.020 | U 2 | -- |
| P92 | P92-0.2-1.0 | Dallas Avenue S, West of 16 Avenue S | 8/20/2008 | 12 | No | 0.20 | J 6,7 | -- |
| P94 | P94-0.1-1.0 | Dallas Avenue S, immediately West of 16th Avenue S | 8/19/2008 | 12 | No | 7.4 | 7 | -- |
| P95 | P95-0.1-1.0 | Dallas Avenue S, immediately West of 17th Avenue S | 8/19/2008 | 12 | No | 57 | 7 | -- |
| RS-A3 | A3-11-06 | Dallas Ave S | 11/10/2006 | 0 | No | 0.098 | 3 | -- |
| RS-A3 | A3-09-15-06 | Dallas Ave S | 9/15/2006 | 0 | No | 0.18 | 3 | -- |
| RS-A4 | A4-11-06 | Dallas Ave S | 11/10/2006 | 0 | No | 0.038 | 3 | -- |
| RS-A4 | A4-09-15-06 | Dallas Ave S | 9/15/2006 | 0 | No | 0.089 | J 3 | -- |
| RS-A5 | A5-11-06 | Dallas Ave S | 11/10/2006 | 0 | No | 0.046 | 3 | -- |
| RS-A5 | A5-09-15-06 | Dallas Ave S | 9/15/2006 | 0 | No | 0.20 | J 3 | -- |
| RS-A6 | A6-11-06 | Dallas Ave S | 11/10/2006 | 0 | No | 0.10 | 3 | -- |
| RS-A6 | A6-09-15-06 | Dallas Ave S | 9/15/2006 | 0 | No | 0.21 | J 3 | -- |
| TP27 | D-N2-1.0 | N side Dallas Ave S, at marina N entrance | 11/4/2004 | 12 | No | 0.10 | 4,5 | -- |
| TP27 | D-N2-0.5 | N side Dallas Ave S, at marina N entrance | 11/4/2004 | 6 | No | 0.66 | 4,5 | -- |
| TP29 | D-S2-0.5 | S side Dallas Ave S, W of 16th Ave S | 11/3/2004 | 6 | No | 18 | 4,5 | -- |
| TP29 | D-S2-1.0 | S side Dallas Ave S, W of 16th Ave S | 11/3/2004 | 12 | No | 3.6 | 4,5 | -- |
| TP30 | D-S3-0.5 | S side Dallas Ave S, at marina N entrance | 11/3/2004 | 6 | No | 0.30 | 4,5 | -- |
| TP30 | D-S3-1.0 | S side Dallas Ave S, at marina N entrance | 11/3/2004 | 12 | No | 0.13 | 4,5 | -- |
| TP31 | TP31-0.5 | 8523 Dallas Ave S (base of 6" excavation) | 12/7/2004 | 6 | No | 0.82 | 4,5 | -- |
| TP32 | TP32-0.5 | 8525 Dallas Ave S (base of 6" excavation) | 12/7/2004 | 6 | No | 0.019 | U 4,5 | -- |
| TP33 | TP33-0.5 | 8529 Dallas Ave S (base of 6" excavation) | 12/8/2004 | 6 | No | 0.020 | U 4,5 | -- |
| TP34 | TP34-0.5 | Duplicate of TP33 | 12/8/2004 | 6 | No | 0.020 | U 4,5 | -- |
| TP35 | TP35-1.0 | Dallas Ave S, N boundary of 1440 S Cloverdale St (base of 12" excavation) | 12/8/2004 | 12 | No | 0.46 | 4,5 | -- |
| TP36 | TP36-0.5 | S Park Marina E (base of 6" excavation) | 12/9/2004 | 6 | No | 0.020 | U 4,5 | -- |
| TP39 | TP39-0.5 | S Park Marina W (base of 6" excavation) | 12/9/2004 | 6 | No | 0.44 | 4,5 | -- |
| TP47 | ROWS0-3 | Outside fence at 1440 S Cloverdale St (Dallas Ave S side) | 10/26/2004 | 0 | No | 6.2 | 4,5 | -- |
| TP47 | ROWS6-3 | 6-in depth at 1440 S Cloverdale St | 10/26/2004 | 6 | No | 2.8 | 4,5 | -- |
| TP48 | ROWS6-4 | 8529 Dallas Ave S | 10/26/2004 | 6 | No | 0.99 | 4,5 | -- |
| TP48 | ROWS0-4 | Surface soil next to sidewalk at 8529 Dallas Ave S | 10/26/2004 | 0 | Yes | 2.2 | 4,5 | -- |
| TP49 | ROWS0-5 | Surface soil next to sidewalk at 8523 Dallas Ave S | 10/27/2004 | 0 | Yes | 1.2 | 4,5 | -- |
| TP49 | ROWS0-6 | Duplicate of ROWS0-5 | 10/27/2004 | 0 | Yes | 1.1 | 4,5 | -- |
| TP49 | ROWS6-5 | 6-in depth at 8523 Dallas Ave S | 10/27/2004 | 6 | Yes | 0.85 | 4,5 | -- |

Revised EE/CA, Appendix C

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|---------------------|-----------------------|---|-------------|-----------------------|----------------------|-----------------------------------|-------|-------------------|
| TP50 | ROWS0-7 | Front yard at 8519 Dallas Ave S | 10/27/2004 | 0 | No | 0.32 | 4,5 | -- |
| TP50 | ROWS6-7 | 6-in depth at 8519 Dallas Ave S | 10/27/2004 | 6 | No | 0.066 | 4,5 | -- |
| TP52 | TP52-0.5-041305 | 4' in from W edge 16th Ave S, 16' from power pole on Dallas Ave S | 4/13/2005 | 6 | No | 0.089 | 4,5 | -- |
| 17th Ave. S. | | | | | | | | |
| MW12 | MW-12-0-6 | 17th Ave S, between Dallas Ave S and S Donovan St | 5/14/2009 | 6 | No | 0.27 | 8 | |
| MW12 | MW-12-2.5 | 17th Ave S, between Dallas Ave S and S Donovan St | 5/14/2009 | 30 | No | 0.032 | U 8 | |
| P69 | P69-2 | 17th Ave S | 2/6/2006 | 24 | No | 0.020 | U 2 | -- |
| P69 | P69-4 | 17th Ave S | 2/6/2006 | 48 | No | 0.020 | U 2 | -- |
| P69 | P69-6 | 17th Ave S | 2/6/2006 | 72 | No | 0.019 | U 2 | -- |
| P71 | P71-2 | 17th Ave S | 2/7/2006 | 24 | No | 0.37 | 2 | -- |
| P71 | P71-4 | 17th Ave S | 2/7/2006 | 48 | No | 0.14 | 2 | -- |
| P71 | P71-6 | 17th Ave S | 2/7/2006 | 72 | No | 0.020 | U 2 | -- |
| P72 | P72-4 | 17th Ave S | 2/8/2006 | 48 | No | 0.036 | 2 | -- |
| P72 | P72-6 | 17th Ave S | 2/8/2006 | 72 | No | 0.020 | U 2 | -- |
| P72 | P72-8 | 17th Ave S | 2/8/2006 | 96 | No | 0.020 | U 2 | -- |
| P73 | P73-2 | 17th Ave S | 2/7/2006 | 24 | No | 0.025 | 2 | -- |
| P73 | P73-4 | 17th Ave S | 2/7/2006 | 48 | No | 0.020 | U 2 | -- |
| P73 | P73-6 | 17th Ave S | 2/7/2006 | 72 | No | 0.020 | U 2 | -- |
| P73 | P73-8 | 17th Ave S | 2/7/2006 | 96 | No | 0.020 | U 2 | -- |
| P74 | P74-2 | 17th Ave S | 2/7/2006 | 24 | No | 1.7 | 2 | -- |
| P74 | P74-4 | 17th Ave S | 2/7/2006 | 48 | No | 0.020 | 2 | -- |
| P74 | P74-6 | 17th Ave S | 2/7/2006 | 72 | No | 0.019 | U 2 | -- |
| P96 | P96-0.4-1.0 | 17th Ave S, just S of Dallas Avenue S | 8/19/2008 | 12 | No | 0.027 | 7 | -- |
| TP4 | TP4-0.5 | 17th Ave S at #8609 | 11/16/2004 | 6 | No | 38 | 4,5 | -- |
| TP4 | TP4-1.0 | 17th Ave S at #8609 | 11/16/2004 | 12 | No | 0.28 | 4,5 | -- |
| TP5 | TP5-1.0 | 17th Ave S at S edge #8609 | 11/16/2004 | 12 | No | 0.47 | 4,5 | -- |
| TP5 | TP5-2.0 | 17th Ave S at S edge #8609 | 11/16/2004 | 24 | No | 0.038 | J 4,5 | -- |
| TP5 | TP5-3.0 | 17th Ave S at S edge #8609 | 11/16/2004 | 36 | No | 0.055 | 4,5 | -- |
| TP5 | TP5-4.0 | 17th Ave S at S edge #8609 | 11/16/2004 | 48 | No | 0.040 | U 4,5 | -- |
| TP5 | TP5-5.0 | 17th Ave S at S edge #8609 | 11/16/2004 | 60 | No | 0.039 | U 4,5 | -- |
| TP16 | 17-C2-0.5 | 17th Ave S at 8617 center | 11/3/2004 | 6 | No | 0.94 | 4,5 | -- |
| TP16 | 17-C2-1.0 | 17th Ave S at 8617 center | 11/3/2004 | 12 | No | 0.16 | 4,5 | -- |
| TP18 | 17-E1-0.5 | 17th Ave S at 8620 east | 11/3/2004 | 6 | No | 1.5 | 4,5 | -- |
| TP18 | 17-E1-1.0 | 17th Ave S at 8620 east | 11/3/2004 | 12 | No | 0.94 | 4,5 | -- |
| TP19 | 17-E2-0.5 | 17th Ave S at N end Basin oil east | 11/3/2004 | 6 | No | 14 | 4,5 | -- |
| TP19 | 17-E2-1.0 | 17th Ave S at N end Basin oil east | 11/3/2004 | 12 | No | 11 | 4,5 | -- |
| TP19 | 17-E2-2.0 | 17th Ave S at N end Basin oil east | 11/3/2004 | 24 | No | 12 | 4,5 | -- |
| TP20 | 17-W1-0.5 | 17th Ave S at 8609 west | 11/2/2004 | 6 | No | 6.3 | 4,5 | -- |

Revised EE/CA, Appendix C

June 3, 2010

Table C.3-1. Adjacent Streets – PCB Results

| Sample Location | Sample Identification | Location Description | Sample Date | Sample Depth (inches) | Removed ^a | Total PCB (mg/kg dw) ⁴ | Notes | Superseded by MIS |
|---------------------|-----------------------|---|-------------|-----------------------|----------------------|-----------------------------------|-------|-------------------|
| TP20 | 17-W1-1.0 | 17th Ave S at 8609 west | 11/2/2004 | 12 | No | 4.5 | 4.5 | -- |
| TP20 | 17-W1-2.0 | 17th Ave S at 8609 west | 11/2/2004 | 24 | No | 1.6 | 4.5 | -- |
| TP21 | 17-W2-0.5 | 17th Ave S at 8601 west | 11/2/2004 | 6 | No | 8.6 | 4.5 | -- |
| TP21 | 17-W2-1.0 | 17th Ave S at 8601 west | 11/2/2004 | 12 | No | 0.88 | 4.5 | -- |
| TP21 | 17-W2-2.0 | 17th Ave S at 8601 west | 11/2/2004 | 24 | No | 1.2 | 4.5 | -- |
| TP22 | 17-W3-0.5 | 17th Ave S at 8620 west | 11/3/2004 | 6 | No | 0.12 | 4.5 | -- |
| TP22 | 17-W3-1.0 | 17th Ave S at 8620 west | 11/3/2004 | 12 | No | 0.090 | 4.5 | -- |
| TP43 | TP43-1.0 | 8601 17th Ave S (17th side #1)--base of 12" excavation | 12/12/2004 | 12 | No | 0.019 | U 4.5 | -- |
| TP43 | TP43-2.0 | 8601 17th Ave S (17th side #1) | 12/12/2004 | 24 | No | 0.020 | U 4.5 | -- |
| TP44 | TP44-1.0 | 8601 17th Ave S (17th side #2)--base of 12" excavation | 12/12/2004 | 12 | No | 0.020 | U 4.5 | -- |
| TP44 | TP44-2.5 | 8601 17th Ave S (17th side #2) | 12/12/2004 | 30 | No | 0.020 | U 4.5 | -- |
| TP45 | ROWS0-1 | Outside fence at 8609 17th Ave S | 10/26/2004 | 0 | No | 4.9 | 4.5 | -- |
| TP45 | ROWS6-1 | Outside fence at 8609 17th Ave S | 10/26/2004 | 6 | No | 3.6 | 4.5 | -- |
| TP46 | ROWS0-2 | Outside fence at 8601 17th Ave S | 10/26/2004 | 0 | No | 21 | 4.5 | -- |
| TP46 | ROWS6-2 | Outside fence at 8601 17th Ave S | 10/26/2004 | 6 | No | 93 | 4.5 | -- |
| 16th Ave. S. | | | | | | | | |
| P62 | P62-2 | 16th Ave S | 2/7/2006 | 24 | No | 0.17 | 2 | -- |
| P62 | P62-4 | 16th Ave S | 2/7/2006 | 48 | No | 0.012 | J 2 | -- |
| P62 | P62-6 | 16th Ave S | 2/7/2006 | 72 | No | 0.020 | U 2 | -- |
| P82 | P82-2 | 16th Ave S | 2/6/2006 | 24 | No | 0.022 | 2 | -- |
| P82 | P82-4 | 16th Ave S | 2/6/2006 | 48 | No | 0.046 | 2 | -- |
| P82 | P82-6 | 16th Ave S | 2/6/2006 | 72 | No | 0.030 | 2 | -- |
| P88 | P88-0.2-1.0 | Dallas Ave S, at intersection with 16th Ave S | 8/19/2008 | 12 | No | 2.0 | 7 | -- |
| P88 | P88-1.5-2.0 | Dallas Ave S, at intersection with 16th Ave S | 8/19/2008 | 24 | No | 0.0067 | J 9 | -- |
| P89 | P89-0.3-1.0 | Dallas Ave S, at intersection with 16th Ave S | 8/19/2008 | 12 | No | 0.73 | 7 | -- |
| P90 | P90-0.4-1.0 | Dallas Ave S, at intersection with 16th Ave S | 8/20/2008 | 12 | No | 1.6 | 7 | -- |
| P90 | P90-1.5-2.0 | Dallas Ave S, at intersection with 16th Ave S | 8/20/2008 | 24 | No | 0.015 | 9 | -- |
| P91 | P91-0.2-1.0 | 16th Ave S, immediately S of intersection with S Donovan St | 8/19/2008 | 12 | No | 1.6 | 7 9 | -- |
| P91 | P91-1.5-2.0 | 16th Ave S, immediately S of intersection with S Donovan St | 8/19/2008 | 24 | No | 0.0027 | J 9 | -- |
| P93 | P93-0.2-1.0 | 16th Ave S, immediately S of intersection with S Donovan St | 8/19/2008 | 12 | No | 1.5 | 7 9 | -- |
| P93 | P93-1.5-2.0 | 16th Ave S, immediately S of intersection with S Donovan St | 8/19/2008 | 24 | No | 0.020 | U 9 | -- |
| P101 | P101-0.0-1.0 | 16th Ave S, at the intersection of S Cloverdale St | 4/28/2009 | 12 | No | 2.6 | 9 | -- |
| P101 | P103-0.0-1.0 | Field split of P101-0.0-1.0 | 4/28/2009 | 12 | No | 2.5 | 9 | -- |
| P101 | P101-1.0-2.0 | 16th Ave S, at the intersection of S Cloverdale St | 4/28/2009 | 24 | No | 0.020 | U 9 | -- |
| P101 | P101-2.0-4.0 | 16th Ave S, at the intersection of S Cloverdale St | 4/28/2009 | 48 | No | 0.020 | U 9 | -- |

Table C.3-1. Adjacent Streets – PCB Results

| Sample Location | Sample Identification | Location Description | Sample Date | Sample Depth (inches) | Removed ^a | Total PCB (mg/kg dw) ⁴ | Notes | Superseded by MIS |
|-------------------------------------|-----------------------|---|-------------|-----------------------|----------------------|-----------------------------------|----------------|-------------------|
| P102 | P102-0.0-1.0 | 16th Ave S, at the intersection of S Cloverdale St | 4/28/2009 | 12 | No | 0.92 | ⁹ | -- |
| P102 | P102-1.0-2.0 | 16th Ave S, at the intersection of S Cloverdale St | 4/28/2009 | 24 | No | 0.020 | U ⁹ | -- |
| P102 | P102-2.0-4.0 | 16th Ave S, at the intersection of S Cloverdale St | 4/28/2009 | 48 | No | 0.0026 | J ⁹ | -- |
| P104 | P104-0.0-1.0 | 16th Ave S, between S Cloverdale St and lower S Donova | 4/28/2009 | 12 | No | 0.55 | ⁹ | -- |
| P104 | P154-0.0-1.0 | Field split of P104-0.0-1.0 | 4/28/2009 | 12 | No | 0.48 | ⁹ | -- |
| P104 | P104-1.0-2.0 | 16th Ave S, between S Cloverdale St and lower S Donova | 4/28/2009 | 24 | No | 0.015 | U ⁹ | |
| P104 | P154-1.0-2.0 | Field split of P104-1.0-2.0 | 4/28/2009 | 24 | No | 0.015 | U ⁹ | |
| TP51 | TP51-0.5-041305 | 4' in from W edge 16th Ave S, 60' from power pole on Dallas | 4/13/2005 | 6 | No | 0.68 | ^{4,5} | -- |
| 16th Ave. S. - Rights-of-Way | | | | | | | | |
| P118 | P118-0.5-1.0 | 16th Ave S, along shoulder of E right-of-way | 7/29/2009 | 12 | No | 0.44 | ⁹ | -- |
| P118 | P168-0.5-1.0 | Field split of P118-0.5-1.0 | 7/29/2009 | 12 | No | 1.0 | ^{6,9} | -- |
| P118 | P118-1.0-2.0 | 16th Ave S, along shoulder of E right-of-way | 7/29/2009 | 24 | No | 0.010 | ⁹ | -- |
| P118 | P118-2.0-4.0 | 16th Ave S, along shoulder of E right-of-way | 7/29/2009 | 48 | No | 0.0033 | J ⁹ | -- |
| P119 | P119-0.5-1.0 | 16th Ave S, along shoulder of W right-of-way | 7/29/2009 | 12 | No | 0.21 | ⁹ | -- |
| P121 | P121-0.5-1.0 | 16th Ave S, along E shoulder of W right-of-way | 7/29/2009 | 12 | No | 0.014 | ⁹ | |
| P121 | P121-1.0-2.0 | 16th Ave S, along E shoulder of W right-of-way | 7/29/2009 | 24 | No | 0.015 | ⁹ | -- |

Table C.3-1. Adjacent Streets – PCB Results

| Sample Location | Sample Identification | Location Description | Sample Date | Sample Depth (inches) | Removed ^a | Total PCB (mg/kg dw) ⁴ | Notes | Superseded by MIS |
|--|-----------------------|---|-------------|-----------------------|----------------------|-----------------------------------|-------|-------------------|
| S. Cloverdale St. - Parking Strip | | | | | | | | |
| YC06b | YC06b-0.2-0.5 | Parking strip in front of 1440 S Cloverdale St | 8/21/2008 | 6 | No | 2.4 | 7 | -- |
| YC06b | YC06b-0.5-1.0 | Parking strip in front of 1440 S Cloverdale St | 8/21/2008 | 12 | No | 0.77 | 9 | -- |
| YC07c | YC07c-0.1-0.5 | Parking strip immediately W of 1440 S Cloverdale St | 8/21/2008 | 6 | No | 1.3 | 7 | -- |
| YC07c | YC07c-0.5-1.0 | Parking strip immediately W of 1440 S Cloverdale St | 8/21/2008 | 12 | No | 0.62 | 9 | -- |
| YC08c | YC08c-0.1-0.5 | Parking strip in front of 1424 S Cloverdale St | 8/26/2008 | 6 | No | 4.7 | 7 | -- |
| YC08c | YC08c-0.5-1.0 | Parking strip in front of 1424 S Cloverdale St | 8/26/2008 | 12 | No | 1.9 | 7 | -- |
| YC09c | YC09c-0.1-0.5 | Parking strip in front of 1420 S Cloverdale St | 8/22/2008 | 6 | No | 1.6 | 7 | -- |
| YC09c | YC09c-0.5-1.0 | Parking strip in front of 1420 S Cloverdale St | 8/22/2008 | 12 | No | 0.53 | 9 | -- |
| YC10c | YC10c-0.2-0.5 | Parking strip in front of 1412 S Cloverdale St | 8/25/2008 | 6 | No | 1.7 | 7 | -- |
| YC10c | YC10c-0.5-1.0 | Parking strip in front of 1412 S Cloverdale St | 8/25/2008 | 12 | No | 0.77 | 9 | -- |
| YC11c | YC11c-0.2-0.5 | Parking strip in front of 1410 S Cloverdale St | 8/25/2008 | 6 | No | 0.54 | 7 | -- |
| YC12b | YC12b-0.2-0.5 | Parking strip in front of 1417 S Cloverdale St | 8/26/2008 | 6 | No | 0.58 | 7 | -- |
| YC12c | YC12c-0.2-0.5 | Parking strip in front of 1415 S Cloverdale St | 8/26/2008 | 6 | No | 0.64 | 7 | -- |
| YC13c | YC13c-0.2-0.5 | Parking strip in front of 1421 S Cloverdale St | 8/25/2008 | 6 | No | 0.67 | 7 | -- |
| YC14c | YC14c-0.1-0.5 | Parking strip in front of 1425 S Cloverdale St | 8/22/2008 | 6 | No | 1.2 | 7 | -- |
| YC14c | YC14c-0.5-1.0 | Parking strip in front of 1425 S Cloverdale St | 8/22/2008 | 12 | No | 0.35 | 9 | -- |
| YC15b | YC15b-0.1-0.5 | Parking strip in front of 1429 S Cloverdale St | 8/25/2008 | 6 | No | 0.42 | 7 | -- |
| YC16a | YC16a-0.0-0.5 | Parking strip in front of 1445 S Cloverdale St | 8/20/2008 | 6 | No | 0.11 | 7 | -- |
| YS100 | YS100-0.0-0.5 | S side of S Cloverdale St near intersection of 16th Ave S | 4/28/2009 | 6 | No | 1.4 | 9 | -- |
| YS100 | YS101-0.0-0.5 | Field split of YS100-0.0-0.5 | 4/28/2009 | 6 | No | 1.9 | 9 | -- |
| YS100 | YS100-0.5-1.0 | S side of S Cloverdale St near intersection of 16th Ave S | 4/28/2009 | 12 | No | 0.33 | 9 | -- |
| S. Donovan St. | | | | | | | | |
| MW13 | MW-13-0-6 | S Donovan St, at the intersection with 17th Ave S | 5/14/2009 | 6 | No | 0.15 | 8 | -- |
| MW13 | MW-13-2.5 | S Donovan St, at the intersection with 17th Ave S | 5/14/2009 | 30 | No | 0.031 | U 8 | -- |
| P75 | P75-2 | S Donovan St | 2/7/2006 | 24 | No | 0.042 | 2 | -- |
| P75 | P75-4 | S Donovan St | 2/7/2006 | 48 | No | 0.020 | U 2 | -- |
| P75 | P75-4DUP | Duplicate of P75-4 | 2/7/2006 | 48 | No | 0.020 | U 2 | -- |
| P75 | P75-6 | S Donovan St | 2/7/2006 | 72 | No | 0.019 | U 2 | -- |
| P77 | P77-2 | S Donovan St | 2/7/2006 | 24 | No | 0.020 | U 2 | -- |
| P77 | P77-4 | S Donovan St | 2/7/2006 | 48 | No | 0.019 | U 2 | -- |
| P77 | P77-6 | S Donovan St | 2/7/2006 | 72 | No | 0.020 | U 2 | -- |
| P81 | P81-2 | S Donovan St | 2/7/2006 | 24 | No | 390 | 2 | -- |
| P81 | P81-4 | S Donovan St | 2/7/2006 | 48 | No | 0.14 | 2 | -- |
| P81 | P81-6 | S Donovan St | 2/7/2006 | 72 | No | 0.041 | 2 | -- |
| P81 | P81-8 | S Donovan St | 2/7/2006 | 96 | No | 0.020 | U 2 | -- |
| P97 | P97-0.1-1.0 | S Donovan St, at the intersection with 17th Ave S | 8/19/2008 | 12 | No | 0.057 | 7 | -- |
| P98 | P98-0.3-1.0 | S Donovan St, at the intersection with 17th Ave S | 8/19/2008 | 12 | No | 0.017 | U 7 | -- |
| P99 | P99-0.3-1.0 | S Donovan St, E of 17th Ave S | 8/20/2008 | 12 | No | 0.14 | 7 | -- |

Revised EE/CA, Appendix C

June 3, 2010

Table C.3-1. Adjacent Streets – PCB Results

| Sample Location | Sample Identification | Location Description | Sample Date | Sample Depth (inches) | Removed ^a | Total PCB (mg/kg dw) ⁴ | Notes | Superseded by MIS |
|--|-----------------------|---|-------------|-----------------------|----------------------|-----------------------------------|-------|-------------------|
| P100 | P100-0.4-1.0 | S Donovan St, E of 17th Ave S | 8/20/2008 | 12 | No | 21 | 7 | -- |
| P100 | P100-1.0-2.0 | S Donovan St, E of 17th Ave S | 8/20/2008 | 24 | No | 98 | 7 | -- |
| P100 | P100-1.0-2.0DUP | Field split of P100-1.0-2.0 | 8/20/2008 | 24 | No | 0.16 | 7 | -- |
| TP11 | TP11-1.0 | S Donovan St | 11/17/2004 | 12 | No | 1.9 | 4.5 | -- |
| TP11 | TP11-2.0 | S Donovan St | 11/17/2004 | 24 | No | 0.15 | 4.5 | -- |
| TP11 | TP11-3.0 | S Donovan St | 11/17/2004 | 36 | No | 0.082 | 4.5 | -- |
| TP12 | TP12-1.0 | S Donovan St | 11/17/2004 | 12 | No | 46 | 4.5 | -- |
| TP12 | TP12-2.0 | S Donovan St | 11/17/2004 | 24 | No | 7.6 | 4.5 | -- |
| TP12 | TP12-3.0 | S Donovan St | 11/17/2004 | 36 | No | 0.36 | 4.5 | -- |
| TP13 | TP13-1.0 | S Donovan St | 11/17/2004 | 12 | No | 18 | 4.5 | -- |
| TP13 | TP13-2.0 | S Donovan St | 11/17/2004 | 24 | No | 0.81 | 4.5 | -- |
| TP13 | TP13-3.0 | S Donovan St | 11/17/2004 | 36 | No | 0.20 | 4.5 | -- |
| TP14 | TP14-1.0 | S Donovan St | 11/17/2004 | 12 | No | 0.41 | 4.5 | -- |
| TP14 | TP14-2.0 | S Donovan St | 11/17/2004 | 24 | No | 0.12 | 4.5 | -- |
| TP14 | TP14-3.0 | S Donovan St | 11/17/2004 | 36 | No | 0.059 | 4.5 | -- |
| TP15 | 17-C-0.5 | 17th Ave S and S Donovan St center | 11/3/2004 | 6 | No | 3.3 | 4.5 | -- |
| TP15 | 17-C-1.0 | 17th Ave S and S Donovan St center | 11/3/2004 | 12 | No | 5.5 | 4.5 | -- |
| TP17 | 17-C3-0.5 | 17th Ave S road end center | 11/4/2004 | 6 | No | 0.014 | 4.5 | -- |
| TP17 | 17-C3-1.0 | 17th Ave S road end center | 11/4/2004 | 12 | No | 0.016 | 4.5 | -- |
| TP53 | HA1-0.5 | Soil pile on S Donovan St | 3/10/2005 | 6 | No | 0.24 | 4.5 | -- |
| TP53 | HA1-1.0 | Soil pile on S Donovan St | 3/10/2005 | 12 | No | 0.14 | 4.5 | -- |
| TP54 | HA2-0.5 | Soil pile on S Donovan St | 3/10/2005 | 6 | No | 0.10 | 4.5 | -- |
| TP54 | HA2-1.0 | Soil pile on S Donovan St | 3/10/2005 | 12 | No | 0.15 | 4.5 | -- |
| TP55 | HA3-0.5 | Soil pile on S Donovan St | 3/10/2005 | 6 | No | 0.092 | 4.5 | -- |
| TP55 | HA3-1.0 | Soil pile on S Donovan St | 3/10/2005 | 12 | No | 0.13 | 4.5 | -- |
| Lower S. Donovan St. - Street Borings | | | | | | | | |
| P105 | P105-0.0-1.0 | Lower S Donovan St, W of 16th Ave S | 7/29/2009 | 12 | No | 0.013 | 9 | -- |
| P105 | P105-1.0-2.0 | Lower S Donovan St, W of 16th Ave S | 7/29/2009 | 24 | No | 0.012 | U 9 | -- |
| P106 | P106-0.0-1.0 | Lower S Donovan St, W of T117 Upland Area | 7/30/2009 | 12 | No | 0.0025 | J 9 | -- |
| P106 | P106-1.0-2.0 | Lower S Donovan St, W of T117 Upland Area | 7/30/2009 | 24 | No | 0.015 | U 9 | -- |
| P106 | P106-2.0-4.0 | Lower S Donovan St, W of T117 Upland Area | 7/30/2009 | 48 | No | 0.015 | U 9 | -- |
| P109 | P109-0.0-1.0 | Lower S Donovan St, W of 16th Ave S | 7/30/2009 | 12 | No | 0.61 | 9 | -- |
| P109 | P109-1.0-2.0 | Lower S Donovan St, W of 16th Ave S | 7/30/2009 | 24 | No | 0.03 | 9 | -- |
| Upper S. Donovan St. - Street Borings | | | | | | | | |
| P110 | P110-1.0-2.0 | Upper S Donovan St, W of 16th Ave S | 7/30/2009 | 24 | No | 0.013 | U 9 | -- |
| P111 | P111-0.0-1.0 | Upper S Donovan St, W of 16th Ave S | 7/30/2009 | 12 | No | 0.014 | U 9 | -- |
| P112 | P112-0.0-1.0 | Upper S Donovan St, W of 17th Ave S | 7/30/2009 | 12 | No | 0.0049 | J 9 | -- |
| P112 | P112-1.0-2.0 | Upper S Donovan St, W of 17th Ave S | 7/30/2009 | 24 | No | 0.015 | U 9 | -- |
| P115 | P115-0.0-1.0 | Upper S Donovan St, W of 17th Ave S | 7/30/2009 | 12 | No | 0.020 | U 9 | -- |

Revised EE/CA, Appendix C

June 3, 2010

Table C.3-1. Adjacent Streets – PCB Results

| Sample Location | Sample Identification | Location Description | Sample Date | Sample Depth (inches) | Removed ^a | Total PCB (mg/kg dw) ⁴ | Notes | Superseded by MIS |
|-----------------|-----------------------|-------------------------------------|-------------|-----------------------|----------------------|-----------------------------------|----------------|-------------------|
| P115 | P115-1.0-2.0 | Upper S Donovan St, W of 17th Ave S | 7/30/2009 | 24 | No | 0.015 | U ⁹ | -- |
| P117 | P117-0.5-1.0 | Upper S Donovan St, W of 16th Ave S | 7/30/2009 | 12 | No | 0.014 | U ⁹ | |
| P117 | P117-1.0-2.0 | Upper S Donovan St, W of 16th Ave S | 7/30/2009 | 24 | No | 0.014 | U ⁹ | -- |

Table C.3-1. Adjacent Streets – PCB Results

| Sample Location | Sample Identification | Location Description | Sample Date | Sample Depth (inches) | Removed ^a | Total PCB (mg/kg dw) ⁴ | Notes | Superseded by MIS |
|---------------------------------------|-----------------------|-------------------------------|-------------|-----------------------|----------------------|-----------------------------------|----------------|-------------------|
| S. Donovan St. - Rights of Way | | | | | | | | |
| P107 | P107-0.5-1.0 | S Donovan St, W of 17th Ave S | 7/30/2009 | 12 | No | 0.030 | ⁹ | -- |
| P107 | P107-1.0-2.0 | S Donovan St, W of 17th Ave S | 7/30/2009 | 24 | No | 0.015 | U ⁹ | |
| P108 | P108-0.5-1.0 | S Donovan St, W of 17th Ave S | 7/30/2009 | 12 | No | 9.2 | ⁹ | -- |
| P108 | P108-1.0-2.0 | S Donovan St, W of 17th Ave S | 7/30/2009 | 24 | No | 0.27 | ⁹ | -- |
| P108 | P108-2.0-4.0 | S Donovan St, W of 17th Ave S | 7/30/2009 | 48 | No | 0.013 | U ⁹ | -- |
| P116 | P116-0.5-1.0 | S Donovan St, W of 16th Ave S | 7/29/2009 | 12 | No | 0.25 | ⁹ | -- |
| P122 | P122-0.5-1.0 | S Donovan St, W of 16th Ave S | 7/30/2009 | 12 | No | 0.47 | ⁹ | -- |
| P122 | P122-1.0-2.0 | S Donovan St, W of 16th Ave S | 7/30/2009 | 24 | No | 0.017 | ⁹ | -- |

Notes:

J - estimated value

PCB - polychlorinated biphenyl

U - not detected at the reported limit shown

Lower Duwamish Waterway Superfund Site:

T-117 Early Action

¹ Data Source: ENSR and AECOM 2008. First Quarter 2008 Interim Groundwater Monitoring Data Results – Non-Time Critical Removal Action, Lower Duwamish Waterway Superfund Site, T-117 Early Action Area, Seattle, Washington. July 31, 2008. Prepared for the Port of Seattle and the City of Seattle. ENSR, Seattle, WA and AECOM, Seattle, WA.

² Data Source: Integral Consulting Inc., February and March, 2006.

³ Data Source: RETEC. 2007. Time-critical removal action final report, Terminal 117, Seattle, Washington. March 26, 2007. Prepared for Port of Seattle. The RETEC Group, Inc., Seattle, WA.

⁴ Data Source: Seattle Public Utilities, August 31, 2005 and October 19, 2005.

⁵ Laboratory data has not been fully validated.

⁶ Aroclor 1260 was the only Aroclor detected in samples analyzed from the Adjacent Streets, with the exception of these samples footnoted. Aroclor 1248 was detected in sample P92-0.2-1.0 (0.1 J mg/kg) and Aroclor 1254 was detected in sample P168-0.5-1.0 (0.29 mg/kg).

⁷ Data Source: Windward and Integral 2009. Dioxin investigation and PCB sediment removal boundary delineation data report (final), Terminal 117, Seattle, Washington. May 8, 2009. Prepared for the Port of Seattle and the City of Seattle. Windward Environmental LLC, Seattle, WA and Integral Consulting Inc., Seattle, WA.

⁸ Data Source: Thomas, R. 2009. Personal communication (electronic letter to R. Kuroiwa, Port of Seattle and Tom Meyer, City of Seattle dated August 6, 2009, regarding Basin Oil Validated Data Summary Tables). Washington State Department of Ecology, Bellevue, WA.

⁹ Data Source: Integral 2009. PCB boundary refinement data report (draft), Terminal 117, Seattle, Washington. October 22, 2009. Prepared for the Port of Seattle and the City of Seattle. Integral Consulting Inc., Seattle, WA.

Sample Types:

TP = Test Pit

P = Direct Push

Y = Yard Sample

RS & RW = Surface Grab Sample

MW = Monitoring Well (soil associated with the installation of the monitoring well)

Table C.3-2. Adjacent Streets – PCB MIS Results

| Sample Location | Sample Identification | Location Description | Sample Date | Sample Depth (inches) | Removed | Total PCBs (mg/kg) | Notes |
|---------------------------------------|-----------------------|---|-------------|-----------------------|---------|--------------------|------------------|
| 16th Ave. S. - Rights-of-Way | | | | | | | |
| DU15 | DU15-0.0-0.2 | 16th Ave S, between S Cloverdale St and alleyway to the S | 4/27/2009 | 2 | No | 0.46 | ^{1,2} |
| DU15 | DU15-0.2-0.5 | 16th Ave S, between S Cloverdale St and alleyway to the S | 4/27/2009 | 6 | No | 0.37 | ¹ |
| DU16 | DU16-0.0-0.2 | 16th Ave S, between S Cloverdale St and alleyway to the S (E of DU15) | 4/28/2009 | 2 | No | 0.45 | ¹ |
| DU16 | DU16-0.2-0.5 | 16th Ave S, between S Cloverdale St and alleyway to the S (E of DU15) | 4/28/2009 | 6 | No | 1.4 | ^{1,2} |
| DU17 | DU17-0.0-0.2 | 16th Ave S, eastern shoulder of right-of-way | 4/27/2009 | 2 | No | 1.3 | ¹ |
| DU17 | DU17-0.2-0.5 | 16th Ave S, eastern shoulder of right-of-way | 4/27/2009 | 6 | No | 1.1 | ¹ |
| DU17 | DU67-0.0-0.2 | 16th Ave S, eastern shoulder of right-of-way | 7/27/2009 | 2 | No | 0.88 | ¹ |
| DU17 | DU77-0.2-0.5 | 16th Ave S, eastern shoulder of right-of-way | 7/27/2009 | 6 | No | 0.63 | ¹ |
| DU17 | DU77-0.0-0.2 | 16th Ave S, eastern shoulder of right-of-way | 7/27/2009 | 2 | No | 0.84 | ¹ |
| DU17 | DU77-0.2-0.5 | 16th Ave S, eastern shoulder of right-of-way | 7/27/2009 | 6 | No | 0.44 | ¹ |
| DU20 | DU20-0.0-0.2 | 16th Ave S, between S Donovan St and alleyway to the N | 8/5/2009 | 2 | No | 1.1 | J ^{1,2} |
| DU20 | DU20-0.0-0.2-LDUP | Laboratory-generated MIS split of DU20-0.0-0.2 | 8/5/2009 | 2 | No | 0.20 | J ¹ |
| DU20 | DU20-0.2-0.5 | 16th Ave S, between S Donovan St and alleyway to the N | 8/5/2009 | 6 | No | 0.15 | ¹ |
| DU20 | DU20-0.2-0.5-LDUP | Laboratory-generated MIS split of DU20-0.2-0.5 | 8/5/2009 | 6 | No | 0.13 | ¹ |
| DU21 | DU21-0.0-0.2 | 16th Ave S, between S Donovan St and alleyway to the N (E of DU20) | 7/28/2009 | 2 | No | 0.44 | ¹ |
| DU21 | DU21-0.2-0.5 | 16th Ave S, between S Donovan St and alleyway to the N (E of DU20) | 7/28/2009 | 6 | No | 0.86 | ¹ |
| DU21 | DU71-0.0-0.2 | 16th Ave S, between S Donovan St and alleyway to the N (E of DU20) | 7/28/2009 | 2 | No | 0.29 | ¹ |
| DU21 | DU71-0.2-0.5 | 16th Ave S, between S Donovan St and alleyway to the N (E of DU20) | 7/28/2009 | 6 | No | 0.65 | ¹ |
| DU21 | DU81-0.0-0.2 | 16th Ave S, between S Donovan St and alleyway to the N (E of DU20) | 7/28/2009 | 2 | No | 0.90 | ¹ |
| DU21 | DU81-0.2-0.5 | 16th Ave S, between S Donovan St and alleyway to the N (E of DU20) | 7/28/2009 | 6 | No | 1.4 | ¹ |
| S. Donovan St. - Rights-of-Way | | | | | | | |
| DU18 | DU18-0.0-0.2 | W end of Lower S Donovan St | 4/29/2009 | 2 | No | 1.2 | ¹ |
| DU18 | DU18-0.2-0.5 | W end of Lower S Donovan St | 4/29/2009 | 6 | No | 1.4 | ¹ |
| DU19 | DU19-0.0-0.2 | E end of Lower S Donovan St | 4/29/2009 | 2 | No | 5.7 | ¹ |
| DU19 | DU19-0.2-0.5 | E end of Lower S Donovan St | 4/29/2009 | 6 | No | 8.1 | ¹ |
| DU27 | DU27-0.0-0.2 | W end of Upper S Donovan St | 7/23/2009 | 2 | No | 1.5 | ¹ |
| DU27 | DU27-0.0-0.2-LDUP | Laboratory-generated MIS split of DU27-0.0-0.2 | 7/23/2009 | 2 | No | 1.4 | ¹ |
| DU27 | DU27-0.2-0.5 | W end of Upper S Donovan St | 7/23/2009 | 6 | No | 1.5 | ¹ |
| DU27 | DU27-0.2-0.5-LDUP | Laboratory-generated MIS split of DU27-0.2-0.5 | 7/23/2009 | 6 | No | 1.6 | ¹ |
| DU27 | DU177-0.0-0.2 | W end of Upper S Donovan St | 7/23/2009 | 2 | No | 1.3 | ¹ |
| DU27 | DU177-0.2-0.5 | W end of Upper S Donovan St | 7/23/2009 | 6 | No | 1.5 | ¹ |
| DU27 | DU187-0.0-0.2 | W end of Upper S Donovan St | 7/24/2009 | 2 | No | 1.4 | ¹ |
| DU27 | DU187-0.2-0.5 | W end of Upper S Donovan St | 7/24/2009 | 6 | No | 1.7 | J ¹ |
| DU28 | DU28-0.0-0.2 | E end of Upper S Donovan St | 7/21/2009 | 2 | No | 1.3 | ¹ |
| DU28 | DU28-0.2-0.5 | E end of Upper S Donovan St | 7/21/2009 | 6 | No | 0.87 | ¹ |
| DU28 | DU78-0.0-0.2 | E end of Upper S Donovan St | 7/21/2009 | 2 | No | 0.97 | ¹ |

Revised EE/CA, Appendix C

June 3, 2010

Table C.3-2. Adjacent Streets – PCB MIS Results

| Sample Location | Sample Identification | Location Description | Sample Date | Sample Depth (inches) | Removed | Total PCBs (mg/kg) | Notes |
|-----------------|-----------------------|--|-------------|-----------------------|---------|--------------------|--------------|
| DU28 | DU78-0.2-0.5 | E end of Upper S Donovan St | 7/21/2009 | 6 | No | 0.71 | ¹ |
| DU28 | DU88-0.0-0.2 | E end of Upper S Donovan St | 7/22/2009 | 2 | No | 0.84 | ¹ |
| DU28 | DU88-0.2-0.5 | E end of Upper S Donovan St | 7/22/2009 | 6 | No | 0.53 | ¹ |
| DU29 | DU29-0.0-0.2 | N side of Upper S Donovan St | 8/4/2009 | 2 | No | 0.80 | ¹ |
| DU29 | DU29-0.2-0.5 | N side of Upper S Donovan St | 8/4/2009 | 6 | No | 0.68 | ¹ |
| DU30 | DU30-0.0-0.2 | Upper S Donovan St, boat yard parking lot | 8/4/2009 | 2 | No | 0.061 | ¹ |
| DU30 | DU30-0.2-0.5 | Upper S Donovan St, boat yard parking lot | 8/4/2009 | 6 | No | 0.055 | ¹ |
| DU38 | DU38-0.0-0.2 | Upper S Donovan St, W of boat yard parking lot (1433 S Donovan St parking strip) | 8/4/2009 | 2 | No | 0.21 | ¹ |
| DU38 | DU38-0.2-0.5 | Upper S Donovan St, W of boat yard parking lot (1433 S Donovan St parking strip) | 8/4/2009 | 6 | No | 0.23 | ¹ |

J - estimated value

PCB - polychlorinated biphenyl

U - not detected at the reported limit shown

Notes:

¹ Data Source: Integral 2009. PCB boundary refinement data report (draft), Terminal 117, Seattle, Washington. October 22, 2009. Prepared for the Port of Seattle and the City of Seattle. Integral Consulting Inc., Seattle, WA.

² Aroclor 1260 was the only Aroclor detected in samples analyzed from the Adjacent Streets, with the exception of these samples footnoted. Aroclor 1221 was detected in sample DU15-0.0-0.2 (0.028 mg/kg); and Aroclor 1254 was detected in samples DU16-0.2-0.5 (0.35 mg/kg) and DU20-0.0-0.2 (0.48 mg/kg).

Table C.3-3. Adjacent Streets – Dioxin TEQ Results

| Sample Location | Sample Identification | Location Description | Sample Date | Sample Depth (inches) | Removed ^a | Dioxin TEQ (ng/kg dw) ⁴ | Notes | Superseded by MIS |
|--|-----------------------|---|-------------|-----------------------|----------------------|------------------------------------|--------------|-------------------|
| Dallas Ave. S. - West of 16th Ave. S. | | | | | | | | |
| P92 | P92-0.2-1.0 | Dallas Ave S, W of 16 Ave S | 8/20/2008 | 12 | No | 4.53 J | ¹ | -- |
| P94 | P94-0.1-1.0 | Dallas Ave S, immediately E of 16th Ave S | 8/19/2008 | 12 | No | 84.0 J | ¹ | -- |
| P95 | P95-0.1-1.0 | Dallas Ave S, immediately W of 17th Ave S | 8/19/2008 | 12 | No | 32.4 J | ¹ | -- |
| 17th Ave. S. | | | | | | | | |
| P96 | P96-0.4-1.0 | 17th Ave S, just S of Dallas Ave S | 8/19/2008 | 12 | No | 3.65 J | ¹ | -- |
| 16th Ave. S. | | | | | | | | |
| P88 | P88-0.2-1.0 | Dallas Ave S, at intersection with 16th Ave S | 8/19/2008 | 12 | No | 11.4 J | ¹ | -- |
| P89 | P89-0.3-1.0 | Dallas Ave S, at intersection with 16th Ave S | 8/19/2008 | 12 | No | 15.9 J | ¹ | -- |
| P90 | P90-0.4-1.0 | Dallas Ave S, at intersection with 16th Ave S | 8/20/2008 | 12 | No | 21.4 J | ¹ | -- |
| P91 | P91-0.2-1.0 | 16th Ave S, immediately S of intersection with S Donovan St | 8/19/2008 | 12 | No | 12.2 J | ¹ | -- |
| P93 | P93-0.2-1.0 | 16th Ave S, immediately S of intersection with S Donovan St | 8/19/2008 | 12 | No | 7.30 J | ¹ | -- |
| S. Cloverdale St. - Parking Strip | | | | | | | | |
| YC08c | YC08c-0.1-0.5 | Parking strip in front of 1424 S Cloverdale St | 8/26/2008 | 6 | No | 21.6 J | ¹ | -- |
| S. Donovan St. - Rights of Way | | | | | | | | |
| P97 | P97-0.1-1.0 | S Donovan St, at the intersection with 17th Ave S | 8/19/2008 | 12 | No | 4.91 J | ¹ | -- |
| P98 | P98-0.3-1.0 | S Donovan St, at the intersection with 17th Ave S | 8/19/2008 | 12 | No | 1.79 J | ¹ | -- |
| P99 | P99-0.3-1.0 | S Donovan St, W of 17th Ave S | 8/20/2008 | 12 | No | 0.495 J | ¹ | -- |
| P100 | P100-0.4-1.0 | S Donovan St, W of 17th Ave S | 8/20/2008 | 12 | No | 30.0 J | ¹ | -- |
| P100 | P100-1.0-2.0 | S Donovan St, W of 17th Ave S | 8/20/2008 | 24 | No | 1.50 J | ¹ | -- |
| P100 | P100-1.0-2.0DUP | Field split of P100-1.0-2.0 | 8/20/2008 | 24 | No | 50.0 J | ¹ | -- |

J - estimated value

TEQ - 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity equivalency quotient

U - not detected at the reported limit shown

^a If yes, sample was removed as part of Interim Cleanup Actions in 2004 and 2005.

Notes:

¹ Data Source: Windward and Integral 2009. Dioxin investigation and PCB sediment removal boundary delineation data report (final), Terminal 117, Seattle, Washington. May 8, 2009. Prepared for the Port of Seattle and the City of Seattle. Windward Environmental, Seattle, WA.

Sample Types:

P = Direct Push

Y = Yard Sample

Table C.3-3. Adjacent Streets – Dioxin TEQ Results

| Sample Location | Sample Identification | Location Description | Sample Date | Sample Depth (inches) | Removed ³ | Dioxin TEQ (ng/kg dw) ⁴ | Notes | Superseded by MIS |
|-----------------|-----------------------|----------------------|-------------|-----------------------|----------------------|------------------------------------|-------|-------------------|
|-----------------|-----------------------|----------------------|-------------|-----------------------|----------------------|------------------------------------|-------|-------------------|

Table C.3-3. Adjacent Streets – Dioxin TEQ Results

| in maps (Y/N) | which map? |
|--------------------------|-----------------------|
| Y | Map 2-35 |
| Y | Map 2-35 |
| Y | Map 2-35 |
| Y | Map 2-35 |
| Y | Map 2-35 |
| Y | Map 2-35 |
| Y | Map 2-35 |
| Y | Map 2-35 |
| Y | Map 2-35 |
| Y | Map 2-35 |
| Y | Map 2-35 |
| Y | Map 2-35 |
| Y | Map 2-35 |
| Y | Map 2-35 |
| Y | Map 2-35 |

Table C.3-3. Adjacent Streets – Dioxin TEQ Results

in maps which
(Y/N) map?

Table C.3-4. Adjacent Streets – Dioxin TEQ MIS Results

| Sample Location | Sample Identification | Location Description | Sample Date | Sample Depth (inches) | Removed | Dioxin TEQ (ng/kg dw) | Notes |
|---------------------------------------|-----------------------|---|-------------|-----------------------|---------|-----------------------|--------------|
| 16th Ave. S. - Rights of Way | | | | | | | |
| DU16 | DU16-0.0-0.2 | 16th Ave S, between S Cloverdale St and alleyway to the S (| 4/28/2009 | 2 | No | 9.58 | ¹ |
| DU16 | DU16-0.2-0.5 | 16th Ave S, between S Cloverdale St and alleyway to the S (| 4/28/2009 | 6 | No | 15.1 | ¹ |
| DU17 | DU17-0.0-0.2 | 16th Ave S, eastern shoulder of right-of-way | 4/27/2009 | 2 | No | 43.8 | ¹ |
| DU17 | DU17-0.2-0.5 | 16th Ave S, eastern shoulder of right-of-way | 4/27/2009 | 6 | No | 21.3 | ¹ |
| S. Donovan St. - Rights of Way | | | | | | | |
| DU18 | DU18-0.0-0.2 | W end of lower S Donovan St | 4/29/2009 | 2 | No | 51.0 | ¹ |
| DU18 | DU18-0.2-0.5 | W end of lower S Donovan St | 4/29/2009 | 6 | No | 30.4 | ¹ |
| DU19 | DU19-0.0-0.2 | E end of lower S Donovan St | 4/29/2009 | 2 | No | 37.6 | ¹ |
| DU19 | DU19-0.2-0.5 | E end of lower S Donovan St | 4/29/2009 | 6 | No | 38.8 | ¹ |
| DU19 | DU19-0.2-0.5DUP | Laboratory-generated MIS split of DU19-0.2-0.5 | 4/29/2009 | 6 | No | 29.2 | ¹ |

Notes:

TEQ - 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity equivalency quotient

¹ Ecology. 2009. T117 dioxin TEQs (email from Piper Peterson-Lee, EPA, to T-117 stakeholders). August 26, 2009.

Table C.3-5. Adjacent Streets – TPH Results

| Sample Location | Sample Identification | Sample Date | Location Description | Removed ^a | Gasoline (mg/kg dw) | Diesel (mg/kg dw) | Oil (mg/kg dw) | Total TPH ^b (mg/kg dw) |
|--|-----------------------|-------------|--|----------------------|---------------------|-------------------|----------------|-----------------------------------|
| Rights of Way and Street Soil¹ | | | | | | | | |
| TP45 | ROWS0-1 | 10/26/2004 | Outside fence at 8609 17th Ave S | No | na | 200 | 1,300 | 1,500 |
| TP45 | ROWS6-1 | 10/26/2004 | Outside fence at 8609 17th Ave S | No | na | 72 | 470 | 540 |
| TP46 | ROWS0-2 | 10/26/2004 | Outside fence at 8601 17th Ave S | No | na | 130 | 780 | 910 |
| TP46 | ROWS6-2 | 10/26/2004 | Outside fence at 8601 17th Ave S | No | na | 130 | 610 | 740 |
| TP47 | ROWS0-3 | 10/26/2004 | Outside fence at 1440 S Cloverdale (Dallas ave side) | No | na | 97 | 400 | 500 |
| TP47 | ROWS6-3 | 10/26/2004 | 6-in depth at 1440 | No | na | 36 | 130 | 170 |
| TP48 | ROWS0-4 | 10/26/2004 | Surface soil next to sidewalk at 8529 Dallas Ave S | Yes | na | 25 | 150 | 180 |
| TP48 | ROWS6-4 | 10/26/2004 | 8529 Dallas Ave S | No | na | 15 U | 80 | 80 |
| TP49 | ROWS0-5 | 10/27/2004 | Surface soil next to sidewalk at 8523 Dallas Ave S | Yes | na | 350 | 1,100 | 1,500 |
| TP49 | ROWS0-6 | 10/27/2004 | Dupe of ROWS0-5 | Yes | na | 99 | 630 | 730 |
| TP49 | ROWS6-5 | 10/27/2004 | 6-in depth at 8523 | Yes | na | 17 | 140 | 160 |
| TP50 | ROWS0-7 | 10/27/2004 | Front yard at 8519 Dallas Ave S | No | na | 20 | 120 | 140 |
| TP50 | ROWS6-7 | 10/27/2004 | 6-in depth at 8519 | No | na | 13 U | 38 | 38 |
| Direct Push Samples² | | | | | | | | |
| P60 | P60-6 | 2/6/2006 | Dallas Ave S, W of 16th Ave S | No | na | 120 | 98 | 220 |
| P65 | P65-6 | 2/7/2006 | Dallas Ave S, between 16th Ave S and 17th Ave S | No | na | 5.9 | 47 | 53 |
| P66 | P66-6 | 2/6/2006 | Dallas Ave S, between 16th Ave S and 17th Ave S | No | na | 5.0 U | 10 U | 10 U |
| P67 | P67-4 | 2/6/2006 | Dallas Ave S, between 16th Ave S and 17th Ave S | No | na | 5.0 U | 12 | 12 |
| P68 | P68-4 | 2/6/2006 | Dallas Ave S, between 16th Ave S and 17th Ave S | No | na | 8.3 | 49 | 57 |
| P71 | P71-4 | 2/7/2006 | 17th Ave S | No | na | 5.3 | 27 | 32 |
| P72 | P72-4 | 2/8/2006 | 17th Ave S | No | na | 5.0 U | 18 | 18 |
| P73 | P73-4 | 2/7/2006 | 17th Ave S | No | na | 6.2 | 71 | 77 |
| P74 | P74-4 | 2/7/2006 | 17th Ave S | No | na | 5.0 U | 17 | 17 |
| P75 | P75-4 | 2/7/2006 | S Donovan St | No | na | 5.0 U | 11 | 11 |
| P76 | P76-4 | 2/7/2006 | Dallas Ave S, between 17th Ave S and S Donovan St | No | na | 5.0 U | 12 | 12 |
| P78 | P78-4 | 2/8/2006 | Dallas Ave S, between 17th Ave S and S Donovan St | No | na | 5.0 U | 15 | 15 |
| P79 | P79-4 | 2/8/2006 | Dallas Ave S, between 17th Ave S and S Donovan St | No | na | 13 | 140 | 150 |
| P81 | P81-2 | 2/7/2006 | S Donovan St | No | na | 1,200 | 4,700 | 5,900 |
| P81 | P81-4 | 2/7/2006 | S Donovan St | No | na | 14 | 80 | 90 |
| P83 | P83-4 | 2/6/2006 | Dallas Ave S, W of 16th Ave S | No | na | 37 | 170 | 210 |
| ENSR Well Installation | | | | | | | | |
| MW-9 ³ | MW-09-0.5-2.0 | 2/27/2008 | Dallas Ave S, between 17th Ave S and S Donovan St | No | na | 18 | 180 | 200 |
| MW-9 ³ | MW-09-2.5-4.0 | 2/27/2008 | Dallas Ave S, between 17th Ave S and S Donovan St | No | na | 5.8 U | 24 | 24 |
| MW-9 ³ | MW-09-5.0-6.5 | 2/27/2008 | Dallas Ave S, between 17th Ave S and S Donovan St | No | na | 6.0 U | 16 | 16 |
| MW-9 ³ | MW-09-7.5-9.0 | 2/27/2008 | Dallas Ave S, between 17th Ave S and S Donovan St | No | na | 5.6 U | 11 U | 11 U |
| MW-9 ³ | MW-09-10.0-11.5 | 2/27/2008 | Dallas Ave S, between 17th Ave S and S Donovan St | No | na | 6.2 U | 14 | 14 |
| MW-9 ³ | MW-09-12.5-14.0 | 2/27/2008 | Dallas Ave S, between 17th Ave S and S Donovan St | No | na | 5.3 U | 11 U | 11 U |
| MW-10 ³ | MW-10-0.5-2.0 | 2/28/2008 | Dallas Ave S, between 17th Ave S and S Donovan St | No | na | 73 | 520 | 590 |
| MW-10 ³ | MW-10-2.5-4.0 | 2/28/2008 | Dallas Ave S, between 17th Ave S and S Donovan St | No | na | 58 U | 380 | 380 |
| MW-10 ³ | MW-10-5.0-6.5 | 2/28/2008 | Dallas Ave S, between 17th Ave S and S Donovan St | No | na | 5.7 U | 13 | 13 |
| MW-10 ³ | DUP-02-022808 | 2/28/2008 | Dallas Ave S, between 17th Ave S and S Donovan St | No | na | 5.5 U | 11 U | 11 U |
| MW-10 ³ | MW-10-7.5-9.0 | 2/28/2008 | Dallas Ave S, between 17th Ave S and S Donovan St | No | na | 5.5 U | 15 | 15 |
| MW-10 ³ | MW-10-10.0-11.5 | 2/28/2008 | Dallas Ave S, between 17th Ave S and S Donovan St | No | na | 5.8 U | 12 U | 12 U |

Revised EE/CA, Appendix C

June 3, 2010

Table C.3-5. Adjacent Streets – TPH Results

| Sample Location | Sample Identification | Sample Date | Location Description | Removed ^a | Gasoline (mg/kg dw) | Diesel (mg/kg dw) | Oil (mg/kg dw) | Total TPH ^b (mg/kg dw) |
|--------------------|-----------------------|-------------|---|----------------------|---------------------|-------------------|----------------|-----------------------------------|
| MW-10 ³ | MW-10-12.5-14.0 | 2/28/2008 | Dallas Ave S, between 17th Ave S and S Donovan St | No | na | 5.6 U | 11 U | 11 U |
| MW-12 ⁴ | MW-12-0-6 | 5/14/2009 | 17th Ave S, between Dallas Ave S and S Donovan St | No | 6.2 U | 520 | 350 | 870 |
| MW-12 ⁴ | MW-12-2.5 | 5/14/2009 | 17th Ave S, between Dallas Ave S and S Donovan St | No | 7.8 U | 6.5 U | 13 U | 13 U |
| MW-13 ⁴ | MW-13-0-6 | 5/14/2009 | S Donovan St, at the intersection with 17th Ave S | No | 6.8 U | 41 | 77 | 120 |
| MW-13 ⁴ | MW-13-2.5 | 5/14/2009 | S Donovan St, at the intersection with 17th Ave S | No | 7.0 U | 6.3 U | 13 U | 13 U |

Notes:

U - not detected at the reported limit shown

TPH - total petroleum hydrocarbon

Bold values indicate concentration exceeds Method B screening criteria (2,000 mg/kg).

^a If yes, sample was removed as part of Interim Cleanup Actions in 2004 and 2005.

^b Total TPH represents sum of Diesel and Oil Ranges only.

¹ Data Source: Seattle Public Utilities, August 31, 2005.

² Data Source: Integral Consulting Inc., February and March 2006.

³ Data Source: ENSR 2008

⁴ Data Source: Thomas, R. 2009. Personal communication (electronic letter to R. Kuroiwa, Port of Seattle and Tom Meyer, City of Seattle dated August 6, 2009, regarding Basin Oil Validated Data Summary Tables). Washington State Department of Ecology, Bellevue, WA.

Table C.3-6. Adjacent Streets – SVOC Results

| Sample Location: | MW-12 | MW-12 | MW-13 | MW-13 | P60 | P72 | P78 | P81 |
|-------------------------------|--|--|--|--|--------------------------------|--------------------|--|--------------------|
| Sample Identification: | MW-12-0-6 ¹ | MW-12-2.5 ¹ | MW-13-0-6 ¹ | MW-13-2.5 ¹ | P60-6 ² | P72-4 ² | P78-4 ² | P81-2 ² |
| Sample Date: | 5/14/2009 | 5/14/2009 | 5/14/2009 | 5/14/2009 | 2/6/2006 | 2/8/2006 | 2/8/2006 | 2/7/2006 |
| Location Description: | 17th Ave S, between Dallas Ave S and S Donovan St | 17th Ave S, between Dallas Ave S and S Donovan St | S Donovan St, at the intersection with 17th Ave S | S Donovan St, at the intersection with 17th Ave S | Dallas Ave, W of 16th Ave S | 17th Ave S | Dallas Ave, between 17th Ave S and S Donovan St | S Donovan St |
| Removed ^a : | No | No | No | No | No | No | No | No |
| PAHs (mg/kg dw) | | | | | | | | |
| 1-Methylnaphthalene | 4.9 | 0.062 U | 0.062 U | 0.062 U | 1.4 | 0.0063 U | 0.0064 U | 0.068 U |
| 2-Methylnaphthalene | 4.8 | 0.062 U | 0.062 U | 0.062 U | 1.5 | 0.0063 U | 0.0064 U | 0.068 U |
| Acenaphthene | 55 | 0.062 U | 0.062 U | 0.062 U | 2.2 | 0.0063 U | 0.0064 U | 0.081 |
| Acenaphthylene | 1.8 U | 0.062 U | 0.062 U | 0.062 U | 0.33 U | 0.0063 U | 0.0064 U | 0.095 |
| Anthracene | 78 | 0.064 | 0.062 U | 0.062 U | 4.5 | 0.0063 U | 0.0064 U | 0.22 |
| Benzo(a)anthracene | 240 | 0.25 | 0.062 U | 0.062 U | 3.5 | 0.0063 U | 0.0064 U | 0.73 |
| Benzo(a)pyrene | 240 | 0.28 | 0.062 U | 0.062 U | 3.1 | 0.0063 U | 0.0064 U | 0.64 |
| Benzo(b)fluoranthene | 230 | 0.32 | 0.062 U | 0.062 U | 1.8 | 0.0063 U | 0.0064 U | 0.56 |
| Benzo(g,h,i)perylene | 54 | 0.086 | 0.062 U | 0.062 U | 2.0 | 0.0063 U | 0.0064 U | 0.26 |
| Benzo(k)fluoranthene | 140 | 0.22 | 0.062 U | 0.062 U | 2.2 | 0.0063 U | 0.0064 U | 0.60 |
| Chrysene | 250 | 0.27 | 0.062 U | 0.062 U | 3.7 | 0.0063 U | 0.0064 U | 0.82 |
| Dibenz(a,h)anthracene | 23 | 0.062 U | 0.062 U | 0.062 U | 0.49 | 0.0063 U | 0.0064 U | 0.075 |
| Dibenzofuran | 19 | 0.062 U | 0.062 U | 0.062 U | 0.69 | 0.0063 U | 0.0064 U | 0.068 U |
| Fluoranthene | 600 | 0.76 | 0.062 U | 0.062 U | 10 | 0.0063 U | 0.0064 U | 1.6 |
| Fluorene | 44 | 0.062 U | 0.062 U | 0.062 U | 2.7 | 0.0063 U | 0.0064 U | 0.095 |
| Indeno(1,2,3-cd)pyrene | 66 | 0.089 | 0.062 U | 0.062 U | 1.5 | 0.0063 U | 0.0064 U | 0.20 |
| Naphthalene | 3.7 | 0.062 U | 0.062 U | 0.062 U | 0.79 | 0.0063 U | 0.0064 U | 0.068 U |
| Phenanthrene | 460 | 0.38 | 0.062 U | 0.062 U | 17 | 0.0063 U | 0.0064 U | 0.69 |
| Pyrene | 560 | 0.50 | 0.062 U | 0.062 U | 12 | 0.0063 U | 0.0064 U | 1.3 |
| Carcinogenic PAHs | 320 | 0.38 | 0.062 U | 0.062 U | 4.2 | 0.0063 U | 0.0064 U | 0.89 |
| Phthalates (mg/kg dw) | | | | | | | | |
| Bis(2-Ethylhexyl)phthalate | 1.8 U | 0.062 U | 0.062 U | 0.062 U | na | na | na | na |
| Butylbenzylphthalate | 1.8 U | 0.062 U | 0.062 U | 0.062 U | na | na | na | na |
| Diethylphthalate | 1.8 U | 0.062 U | 0.062 U | 0.062 U | na | na | na | na |
| Dimethylphthalate | 1.8 U | 0.062 U | 0.062 U | 0.062 U | na | na | na | na |
| Di-n-butylphthalate | 1.8 U | 0.062 U | 0.062 U | 0.062 U | na | na | na | na |
| Di-n-octyl phthalate | 1.8 U | 0.062 U | 0.062 U | 0.062 U | na | na | na | na |
| Other SVOCs (mg/kg dw) | | | | | | | | |
| 1,2,4-Trichlorobenzene | 1.8 U | 0.062 U | 0.062 U | 0.062 U | na | na | na | na |
| 1,2-Dichlorobenzene | 1.8 U | 0.062 U | 0.062 U | 0.062 U | na | na | na | na |
| 1,3-Dichlorobenzene | 1.8 U | 0.062 U | 0.062 U | 0.062 U | na | na | na | na |
| 1,4-Dichlorobenzene | 1.8 U | 0.062 U | 0.062 U | 0.062 U | na | na | na | na |
| 2,4-Dimethylphenol | 1.8 U | 0.062 U | 0.062 U | 0.062 U | na | na | na | na |
| 2-Methylphenol | 1.8 U | 0.062 U | 0.062 U | 0.062 U | na | na | na | na |

Revised EE/CA, Appendix C

June 3, 2010

Table C.3-6. Adjacent Streets – SVOC Results

| Sample Location: | MW-12 | | MW-12 | | MW-13 | | MW-13 | | P60 | | P72 | | P78 | | P81 | |
|------------------------|--|---|--|---|--|---|--|---|--------------------------------|--|--------------------|---|--|---|--------------------|--|
| Sample Identification: | MW-12-0-6 ¹ | | MW-12-2.5 ¹ | | MW-13-0-6 ¹ | | MW-13-2.5 ¹ | | P60-6 ² | | P72-4 ² | | P78-4 ² | | P81-2 ² | |
| Sample Date: | 5/14/2009 | | 5/14/2009 | | 5/14/2009 | | 5/14/2009 | | 2/6/2006 | | 2/8/2006 | | 2/8/2006 | | 2/7/2006 | |
| Location Description: | 17th Ave S, between Dallas Ave S and S Donovan St | | 17th Ave S, between Dallas Ave S and S Donovan St | | S Donovan St, at the intersection with 17th Ave S | | S Donovan St, at the intersection with 17th Ave S | | Dallas Ave, W of 16th Ave S | | 17th Ave S | | Dallas Ave, between 17th Ave S and S Donovan St | | S Donovan St | |
| Removed ^a : | No | | No | | No | | No | | No | | No | | No | | No | |
| 4-Methylphenol | 1.8 | U | 0.062 | U | 0.062 | U | 0.062 | U | na | | na | | na | | na | |
| Benzoic Acid | 1.8 | U | 0.062 | U | 0.062 | U | 0.062 | U | na | | na | | na | | na | |
| Benzyl Alcohol | 1.8 | U | 0.062 | U | 0.062 | U | 0.062 | U | na | | na | | na | | na | |
| Hexachlorobenzene | 1.8 | U | 0.062 | U | 0.062 | U | 0.062 | U | na | | na | | na | | na | |
| Hexachlorobutadiene | 1.8 | U | 0.062 | U | 0.062 | U | 0.062 | U | na | | na | | na | | na | |
| Hexachloroethane | 1.8 | U | 0.062 | U | 0.062 | U | 0.062 | U | na | | na | | na | | na | |
| N-Nitrosodiphenylamine | 1.8 | U | 0.062 | U | 0.062 | U | 0.062 | U | na | | na | | na | | na | |
| Pentachlorophenol | 9.2 | U | 0.31 | U | 0.31 | U | 0.31 | U | na | | 0.032 | U | 0.032 | U | na | |
| Phenol | 1.8 | U | 0.062 | U | 0.062 | U | 0.062 | U | na | | na | | na | | na | |

Notes:

na - not analyzed

U = not detected at the reporting limit shown

UJ = not detected at the estimated reporting limit shown

^a If yes, sample was removed as part of Interim Cleanup Actions in 2004 and 2005.

¹ Data Source: Thomas, R. 2009. Personal communication (electronic letter to R. Kuroiwa, Port of Seattle and Tom Meyer, City of Seattle dated August 6, 2009, regarding Basin Oil Validated Data Summary Tables). Washington State Department of Ecology, Bellevue, WA.

² Data Source: Integral Consulting Inc., February 2006.

Table C.3-7. Adjacent Streets – VOC Results

| Sample Location: | MW-11 ¹ | MW-12 ² | MW-12 ² | MW-13 ² | MW-13 ² | P72 ³ | P78 ³ |
|---------------------------------------|---|---|---|---|---|------------------|---|
| Sample Identification: | MW-11 22.75-23 | MW-12-0-6 | MW-12-2.5 | MW-13-0-6 | MW-13-2.5 | P72-4 | P78- |
| Sample Date: | 9/2/2008 | 5/14/2009 | 5/14/2009 | 5/14/2009 | 5/14/2009 | 2/8/2006 | 2/8/2006 |
| Location Description | Dallas Ave S, between 17th Ave S and S Donovan St | 17th Ave S, between Dallas Ave S and S Donovan St | 17th Ave S, between Dallas Ave S and S Donovan St | S Donovan St, at the intersection with 17th Ave S | S Donovan St, at the intersection with 17th Ave S | 17th Ave S | Dallas Ave, between 17th Ave S and S Donovan St |
| Removed ³ : | No | No | No | No | No | No | No |
| BTEX Compounds (mg/kg dw) | | | | | | | |
| Benzene | 0.00060 U | 0.0082 U | 0.0019 U | 0.0011 U | 0.0014 U | 1.2 U | 1.2 U |
| Toluene | 0.00060 U | 0.0020 U | 0.0011 U | 0.0011 U | 0.0014 U | 2.1 U | 11 U |
| Ethylbenzene | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 1.2 U | 1.2 U |
| m,p-Xylene | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 1.2 U | 1.2 U |
| o-Xylene | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 1.2 U | 1.2 U |
| Other VOC Compounds (mg/kg dw) | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| 1,1,1-Trichloroethane | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| 1,1,2,2-Tetrachloroethane | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.00060 U | 0.0025 U | 0.0023 U | 0.0022 U | 0.0028 U | na | na |
| 1,1,2-Trichloroethane | 0.0012 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| 1,1-Dichloroethane | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| 1,1-Dichloroethene | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| 1,1-Dichloropropene | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| 1,2,3-Trichlorobenzene | 0.0030 U | 0.0062 U | 0.0057 U | 0.0055 U | 0.0069 U | na | na |
| 1,2,3-Trichloropropane | 0.0012 U | 0.0025 U | 0.0023 U | 0.0022 U | 0.0028 U | na | na |
| 1,2,4-Trichlorobenzene | 0.0030 U | see Table 6 | see Table 6 | see Table 6 | see Table 6 | na | na |
| 1,2,4-Trimethylbenzene | 0.00060 U | 0.0014 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| 1,2-Dibromo-3-chloropropane | 0.0030 U | 0.0062 U | 0.0057 U | 0.0055 U | 0.0069 U | na | na |
| 1,2-Dibromoethane (EDB) | 0.00060 U | na | na | na | na | na | na |
| 1,2-Dichlorobenzene | 0.00060 U | see Table 6 | see Table 6 | see Table 6 | see Table 6 | na | na |
| 1,2-Dichloroethane | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| 1,2-Dichloropropane | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| 1,3,5-Trimethylbenzene | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| 1,3-Dichlorobenzene | 0.00060 U | see Table 6 | see Table 6 | see Table 6 | see Table 6 | na | na |
| 1,3-Dichloropropane | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| 1,4-Dichlorobenzene | 0.00060 U | see Table 6 | see Table 6 | see Table 6 | see Table 6 | na | na |
| 2,2-Dichloropropane | 0.00060 U | na | na | na | na | na | na |
| 2,2-Dichloropropane | na | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| 2,2'-Oxybis(1-Chloropropane) | na | 1.8 U | 0.062 U | 0.062 U | 0.062 U | na | na |
| 2,4,5-Trichlorophenol | na | 9.2 U | 0.31 U | 0.31 U | 0.31 U | na | na |
| 2,4,6-Trichlorophenol | na | 9.2 U | 0.31 U | 0.31 U | 0.31 U | na | na |
| 2,4-Dichlorophenol | na | 9.2 U | 0.31 U | 0.31 U | 0.31 U | na | na |
| 2,4-Dinitrophenol | na | 18 U | 0.62 U | 0.62 U | 0.62 U | na | na |

Revised EE/CA, Appendix C

June 3, 2010

Table C.3-7. Adjacent Streets – VOC Results

| Sample Location: | MW-11 ¹ | MW-12 ² | MW-12 ² | MW-13 ² | MW-13 ² | P72 ³ | P78 ³ |
|-----------------------------|---|---|---|---|---|------------------|---|
| Sample Identification: | MW-11 22.75-23 | MW-12-0-6 | MW-12-2.5 | MW-13-0-6 | MW-13-2.5 | P72-4 | P78- |
| Sample Date: | 9/2/2008 | 5/14/2009 | 5/14/2009 | 5/14/2009 | 5/14/2009 | 2/8/2006 | 2/8/2006 |
| Location Description | Dallas Ave S, between 17th Ave S and S Donovan St | 17th Ave S, between Dallas Ave S and S Donovan St | 17th Ave S, between Dallas Ave S and S Donovan St | S Donovan St, at the intersection with 17th Ave S | S Donovan St, at the intersection with 17th Ave S | 17th Ave S | Dallas Ave, between 17th Ave S and S Donovan St |
| Removed ³ | No | No | No | No | No | No | No |
| 2,4-Dinitrotoluene | na | 9.2 U | 0.31 U | 0.31 U | 0.31 U | na | na |
| 2,6-Dinitrotoluene | na | 9.2 U | 0.31 U | 0.31 U | 0.31 U | na | na |
| 2-Butanone | na | 0.018 | 0.0057 U | 0.0055 U | 0.0069 U | na | na |
| 2-Chloroethylvinylether | 0.0030 UJ | 0.0062 U | 0.0057 U | 0.0055 U | 0.0069 U | na | na |
| 2-Chloronaphthalene | na | 1.8 U | 0.062 U | 0.062 U | 0.062 U | na | na |
| 2-Chlorophenol | na | 1.8 U | 0.062 U | 0.062 U | 0.062 U | na | na |
| 2-Chlorotoluene | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| 2-Hexanone | 0.0030 U | 0.011 | 0.0057 U | 0.0055 U | 0.0069 U | na | na |
| 2-Nitroaniline | na | 9.2 U | 0.31 U | 0.31 U | 0.31 U | na | na |
| 2-Nitrophenol | na | 1.8 U | 0.062 U | 0.062 U | 0.062 U | na | na |
| 3,3'-Dichlorobenzidine | na | 9.2 U | 0.31 U | 0.31 U | 0.31 U | na | na |
| 3-Nitroaniline | na | 9.2 U | 0.31 U | 0.31 U | 0.31 U | na | na |
| 4,6-Dinitro-2-Methylphenol | na | 18 U | 0.62 U | 0.62 U | 0.62 U | na | na |
| 4-Bromophenyl-phenylether | na | 1.8 U | 0.062 U | 0.062 U | 0.062 U | na | na |
| 4-Chloro-3-methylphenol | na | 9.2 U | 0.31 U | 0.31 U | 0.31 U | na | na |
| 4-Chloroaniline | na | 9.2 U | 0.31 U | 0.31 U | 0.31 U | na | na |
| 4-Chlorophenyl-phenylether | na | 1.8 U | 0.062 U | 0.062 U | 0.062 U | na | na |
| 4-Chlorotoluene | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| 4-Isopropyltoluene | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| 4-Methyl-2-Pentanone (MIBK) | na | 0.0062 U | 0.0057 U | 0.0055 U | 0.0069 U | na | na |
| 4-Nitroaniline | na | 9.2 U | 0.31 U | 0.31 U | 0.31 U | na | na |
| 4-Nitrophenol | na | 9.2 U | 0.31 U | 0.31 U | 0.31 U | na | na |
| Acetone | 0.0033 | 0.16 | 0.049 | 0.032 | 0.030 | na | na |
| Acrolein | 0.030 U | 0.062 U | 0.057 U | 0.055 U | 0.069 U | na | na |
| Acrylonitrile | 0.0030 U | 0.0062 U | 0.0057 U | 0.0055 U | 0.0069 U | na | na |
| bis(2-Chloroethoxy) Methane | na | 1.8 U | 0.062 U | 0.062 U | 0.062 U | na | na |
| Bis-(2-Chloroethyl) Ether | na | 1.8 U | 0.062 U | 0.062 U | 0.062 U | na | na |
| Bromobenzene | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| Bromochloromethane | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| Bromodichloromethane | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| Bromoethane | 0.0012 U | 0.0025 U | 0.0023 U | 0.0022 U | 0.0028 U | na | na |
| Bromoform | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| Bromomethane | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| Carbazole | na | 55 | 0.062 U | 0.062 U | 0.062 U | na | na |
| Carbon Disulfide | 0.00060 UJ | 0.0025 | 0.0011 U | 0.0011 U | 0.0014 U | na | na |

Revised EE/CA, Appendix C

June 3, 2010

Table C.3-7. Adjacent Streets – VOC Results

| Sample Location: | MW-11 ¹ | MW-12 ² | MW-12 ² | MW-13 ² | MW-13 ² | P72 ³ | P78 ³ |
|-----------------------------|---|---|---|---|---|------------------|---|
| Sample Identification: | MW-11 22.75-23 | MW-12-0-6 | MW-12-2.5 | MW-13-0-6 | MW-13-2.5 | P72-4 | P78- |
| Sample Date: | 9/2/2008 | 5/14/2009 | 5/14/2009 | 5/14/2009 | 5/14/2009 | 2/8/2006 | 2/8/2006 |
| Location Description | Dallas Ave S, between 17th Ave S and S Donovan St | 17th Ave S, between Dallas Ave S and S Donovan St | 17th Ave S, between Dallas Ave S and S Donovan St | S Donovan St, at the intersection with 17th Ave S | S Donovan St, at the intersection with 17th Ave S | 17th Ave S | Dallas Ave, between 17th Ave S and S Donovan St |
| Removed ³ | No | No | No | No | No | No | No |
| Carbon Tetrachloride | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| Chlorobenzene | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| Chloroethane | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| Chloroform | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| Chloromethane | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| cis-1,2-Dichloroethene | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| cis-1,3-Dichloropropene | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| Dibromochloromethane | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| Dibromomethane | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| Dichloromethane | 0.0016 U | na | na | na | na | na | na |
| Di-n-Octyl phthalate | na | 1.8 U | 0.062 U | 0.062 U | 0.062 U | na | na |
| Ethylene Dibromide | na | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| Hexachlorocyclopentadiene | na | 9.2 U | 0.31 U | 0.31 U | 0.31 U | na | na |
| Iodomethane | 0.00060 U | na | na | na | na | na | na |
| Isophorone | na | 1.8 U | 0.062 U | 0.062 U | 0.062 U | na | na |
| Isopropylbenzene | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| Methyl ethyl ketone | 0.0030 U | na | na | na | na | na | na |
| Methyl Iodide | na | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| Methyl isobutyl ketone | 0.0030 U | na | na | na | na | na | na |
| Methylene Chloride | na | 0.0036 U | 0.0061 U | 0.0055 U | 0.0046 U | na | na |
| n-Butylbenzene | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| Nitrobenzene | na | 1.8 U | 0.062 U | 0.062 U | 0.062 U | na | na |
| N-Nitroso-Di-N-Propylamine | na | 9.2 U | 0.31 U | 0.31 U | 0.31 U | na | na |
| n-Propylbenzene | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| sec-Butylbenzene | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| Styrene | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| tert-Butylbenzene | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| Tetrachloroethene | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| trans-1,2-Dichloroethene | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| trans-1,3-Dichloropropene | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| trans-1,4-Dichloro-2-butene | 0.0030 U | 0.0062 U | 0.0057 U | 0.0055 U | 0.0069 U | na | na |
| Trichloroethene | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| Trichlorofluoromethane | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |
| Vinyl Acetate | 0.0030 U | 0.0062 U | 0.0057 U | 0.0055 U | 0.0069 U | na | na |
| Vinyl Chloride | 0.00060 U | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | na | na |

Revised EE/CA, Appendix C

June 3, 2010

Table C.3-7. Adjacent Streets – VOC Results

| Sample Location: | MW-11 ¹ | MW-12 ² | MW-12 ² | MW-13 ² | MW-13 ² | P72 ³ | P78 ³ |
|------------------------|---|---|---|---|---|------------------|---|
| Sample Identification: | MW-11 22.75-23 | MW-12-0-6 | MW-12-2.5 | MW-13-0-6 | MW-13-2.5 | P72-4 | P78- |
| Sample Date: | 9/2/2008 | 5/14/2009 | 5/14/2009 | 5/14/2009 | 5/14/2009 | 2/8/2006 | 2/8/2006 |
| Location Description | Dallas Ave S, between 17th Ave S and S Donovan St | 17th Ave S, between Dallas Ave S and S Donovan St | 17th Ave S, between Dallas Ave S and S Donovan St | S Donovan St, at the intersection with 17th Ave S | S Donovan St, at the intersection with 17th Ave S | 17th Ave S | Dallas Ave, between 17th Ave S and S Donovan St |
| Removed ³ : | No | No | No | No | No | No | No |

Notes:

J - estimated value

U = not detected at the reporting limit shown

^a If yes, sample was removed as part of Interim Cleanup Actions in 2004 and 2005.

¹ Data Source: ENSR and AECOM 2008. Third Quarter 2008 Interim Groundwater Monitoring Data Results – Non-Time Critical Removal Action, Lower Duwamish Waterway Superfund Site, T-11 Action Area, Seattle, Washington. November 25, 2008. Prepared for the Port of Seattle and the City of Seattle. ENSR, Seattle, WA and AECOM, Seattle, WA.

² Data Source: Thomas, R. 2009. Personal communication (electronic letter to R. Kuroiwa, Port of Seattle and Tom Meyer, City of Seattle dated August 6, 2009, regarding Basin Oil Validated Data Summary Tables). Washington State Department of Ecology, Bellevue, WA.

³ Data Source: Integral Consulting Inc., February and March, 2006.

Table C.3-7. Adjacent Streets – VOC Results

| |
|--------------------------|
| 3 |
| 4 |
| 06 |
| Between and S n St |
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7 Early

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Table C.3-8. Adjacent Streets – Metals Results

| Sample Location: | MW-12 | MW-12 | MW-13 | MW-13 | P60 | P72 | P78 | P81 |
|------------------------|--|--|---|---|--------------------------------|--------------------|--|--------------------|
| Sample Identification: | MW-12-0-6 ¹ | MW-12-2.5 ¹ | MW-13-0-6 ¹ | MW-13-2.5 ¹ | P60-6 ² | P72-4 ² | P78-4 ² | P81-2 ² |
| Sample Date: | 5/14/2009 | 5/14/2009 | 5/14/2009 | 5/14/2009 | 2/6/2006 | 2/8/2006 | 2/8/2006 | 2/7/2006 |
| Location Description: | 17th Ave S, between Dallas Ave S and S Donovan St | 17th Ave S, between Dallas Ave S and S Donovan St | S Donovan St, at the intersection with 17th Ave S | S Donovan St, at the intersection with 17th Ave S | Dallas Ave, W of 16th Ave S | 17th Ave S | Dallas Ave, between 17th Ave S and S Donovan St | S Donovan St |
| Removed ^a : | No | No | No | No | No | No | No | No |
| Metals (mg/kg dw) | | | | | | | | |
| Antimony | 6.0 UJ | 6.0 UJ | 6.0 UJ | 6.0 UJ | 5.0 U | 6.0 UJ | 6.0 UJ | 6.0 |
| Arsenic | 18 J | 4.2 J | 4.3 J | 4.1 J | 1.1 | 2.9 | 3.1 | 19 |
| Beryllium | 0.30 | 0.30 | 0.20 | 0.20 | 0.10 U | 0.20 | 0.20 | 0.10 |
| Cadmium | 0.70 | 0.30 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U | 0.80 |
| Chromium | 23 | 19 | 54 | 49 | 12 | 13 | 14 | 24 |
| Copper | 37 | 25 | 29 | 24 | 11 | 19 | 17 | 59 |
| Lead | 83 J | 5.0 J | 6.0 J | 3.0 J | 1.0 | 9.0 | 3.0 | 141 |
| Mercury | 0.14 | 0.040 | 0.060 | 0.050 | 0.050 U | 0.050 U | 0.040 U | 0.42 |
| Nickel | 18 | 12 | 54 | 49 | 5.0 | 9.0 | 10 | 23 |
| Selenium | 6.0 U | 6.0 U | 6.0 U | 6.0 U | 0.50 U | 0.60 U | 0.60 U | 0.60 U |
| Silver | 0.30 U | 0.40 U | 0.40 U | 0.40 U | 0.30 U | 0.30 U | 0.30 U | 0.30 U |
| Thallium | 6.0 U | 6.0 U | 6.0 U | 6.0 U | 0.20 U | 0.20 U | 0.20 U | 0.20 U |
| Zinc | 133 | 42 | 50 | 50 | 16 | 26 | 29 | 200 |

Notes

ID = identification

J = estimated value

U = not detected (at the indicated reporting limit)

UJ = not detected (estimated reporting limit)

na - not analyzed or data not available

^a If yes, sample was removed as part of Interim Cleanup Actions in 2004 and 2005.

¹ Data Source: Thomas, R. 2009. Personal communication (electronic letter to R. Kuroiwa, Port of Seattle and Tom Meyer, City of Seattle dated August 6, 2009, regarding Basin Oil Validated Data Summary Tables). Washington State Department of Ecology, Bellevue, WA.

² Data Source: Integral Consulting Inc., February 2006.

Table C.3-9. Adjacent Streets – Street Dust and Catch Basin Results

| Sample Location: | SD1 ^{1,2} | | SD2 ^{1,2} | | SD4 ^{1,2} | | SD5 ^{1,2} | | SD6 ^{1,2} | | SD7 ^{1,2} | |
|----------------------------------|----------------------------------|---|--|---|---|---|---|---|--|---|---|---|
| Sample Identification: | ROWT1 | | ROWT2 | | ROWT4 | | ROWT5 | | ROWT6 | | ROWT7 | |
| Sample Date: | 7/22/2004 | | 7/22/2004 | | 7/22/2004 | | 7/22/2004 | | 7/22/2004 | | 7/22/2004 | |
| Location Description: | W edge of Dallas Ave S at OWSEP1 | | E edge of Dallas Ave S at entrance to T117 | | 5-pt composite from storage area in ROW S of S Donovan St | | N edge of S Donovan St at SE corner of Basin Oil prop | | NW corner of S Donovan St and 17th Ave S | | 5-pt composite along E edge of 17th Ave S between Dallas Ave S and S Donovan St | |
| Sample Type: | Street Dust | | Street Dust | | Street Dust | | Street Dust | | Street Dust | | Street Dust | |
| Removed ^a : | No | | No | | No | | No | | No | | No | |
| Metals (mg/kg dw) | | | | | | | | | | | | |
| Arsenic | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Copper | 57 | | 141 | | 126 | | 62 | | 60 | | 113 | |
| Lead | 18 | J | 76 | J | 56 | J | 55 | J | 27 | J | 84 | J |
| Mercury | 0.050 | U | 0.16 | | 0.060 | | 0.070 | | 0.080 | | 0.10 | |
| Zinc | 157 | J | 251 | J | 808 | J | 176 | J | 168 | J | 227 | J |
| PCBs (mg/kg dw) | | | | | | | | | | | | |
| Aroclor-1016 | na | | na | | na | | na | | na | | na | |
| Aroclor-1221 | na | | na | | na | | na | | na | | na | |
| Aroclor-1232 | na | | na | | na | | na | | na | | na | |
| Aroclor-1242 | na | | na | | na | | na | | na | | na | |
| Aroclor-1248 | na | | na | | na | | na | | na | | na | |
| Aroclor-1254 | na | | na | | na | | na | | na | | na | |
| Aroclor-1260 | na | | na | | na | | na | | na | | na | |
| Total PCBs | 0.26 | | 1.6 | | 2.2 | | 4.8 | | 0.47 | | 6.1 | |
| Dioxins/Furans (ng/kg dw) | | | | | | | | | | | | |
| 2,3,7,8-TCDD TEQ ng/kg dw | na | | na | | na | | na | | na | | na | |
| PAHs (mg/kg dw) | | | | | | | | | | | | |
| 2-Methylnaphthalene | 0.020 | U | na | | na | | na | | na | | na | |
| Acenaphthene | 0.020 | U | na | | na | | na | | na | | na | |
| Acenaphthylene | 0.020 | U | na | | na | | na | | na | | na | |
| Anthracene | 0.020 | U | na | | na | | na | | na | | na | |
| Benzo(a)anthracene | 0.020 | U | na | | na | | na | | na | | na | |
| Benzo(a)pyrene | 0.020 | U | na | | na | | na | | na | | na | |
| Benzo(b)fluoranthene | 0.029 | | na | | na | | na | | na | | na | |
| Benzo(g,h,i)perylene | 0.020 | U | na | | na | | na | | na | | na | |
| Benzo(k)fluoranthene | 0.030 | | na | | na | | na | | na | | na | |
| Chrysene | 0.035 | | na | | na | | na | | na | | na | |
| Dibenz(a,h)anthracene | 0.020 | U | na | | na | | na | | na | | na | |
| Fluoranthene | 0.034 | | na | | na | | na | | na | | na | |
| Fluorene | 0.020 | U | na | | na | | na | | na | | na | |
| Indeno(1,2,3-cd)pyrene | 0.020 | U | na | | na | | na | | na | | na | |
| Naphthalene | 0.020 | U | na | | na | | na | | na | | na | |
| Phenanthrene | 0.029 | | na | | na | | na | | na | | na | |
| Pyrene | 0.059 | | na | | na | | na | | na | | na | |
| Carcinogenic PAHs | 0.022 | | na | | na | | na | | na | | na | |
| Phthalates (mg/kg dw) | | | | | | | | | | | | |
| Bis(2-ethylhexyl) phthalate | 0.79 | | na | | na | | na | | na | | na | |
| Butyl benzyl phthalate | 0.020 | U | na | | na | | na | | na | | na | |

Revised EE/CA, Appendix C

June 3, 2010

Table C.3-9. Adjacent Streets – Street Dust and Catch Basin Results

| Sample Location: | SD1 ^{1,2} | SD2 ^{1,2} | SD4 ^{1,2} | SD5 ^{1,2} | SD6 ^{1,2} | SD7 ^{1,2} |
|-------------------------------|----------------------------------|--|---|---|--|---|
| Sample Identification: | ROWT1 | ROWT2 | ROWT4 | ROWT5 | ROWT6 | ROWT7 |
| Sample Date: | 7/22/2004 | 7/22/2004 | 7/22/2004 | 7/22/2004 | 7/22/2004 | 7/22/2004 |
| Location Description: | W edge of Dallas Ave S at OWSEP1 | E edge of Dallas Ave S at entrance to T117 | 5-pt composite from storage area in ROW S of S Donovan St | N edge of S Donovan St at SE corner of Basin Oil prop | NW corner of S Donovan St and 17th Ave S | 5-pt composite along E edge of 17th Ave S between Dallas Ave S and S Donovan St |
| Sample Type: | Street Dust | Street Dust | Street Dust | Street Dust | Street Dust | Street Dust |
| Removed ^a : | No | No | No | No | No | No |
| Diethyl phthalate | 0.020 U | na | na | na | na | na |
| Dimethyl phthalate | 0.020 U | na | na | na | na | na |
| Di-n-butyl phthalate | 0.020 U | na | na | na | na | na |
| Di-n-octyl phthalate | 0.020 U | na | na | na | na | na |
| Other SVOCs (mg/kg dw) | | | | | | |
| 1,2,4-Trichlorobenzene | 0.020 U | na | na | na | na | na |
| 1,2-Dichlorobenzene | 0.020 U | na | na | na | na | na |
| 1,3-Dichlorobenzene | 0.020 U | na | na | na | na | na |
| 1,4-Dichlorobenzene | 0.020 U | na | na | na | na | na |
| 2,2'-Oxybis(1-chloropropane) | na | na | na | na | na | na |
| 2,4,5-Trichlorophenol | 0.10 UJ | na | na | na | na | na |
| 2,4,6-Trichlorophenol | 0.10 UJ | na | na | na | na | na |
| 2,4-Dichlorophenol | 0.059 UJ | na | na | na | na | na |
| 2,4-Dimethylphenol | 0.020 UJ | na | na | na | na | na |
| 2,4-Dinitrophenol | 0.20 UJ | na | na | na | na | na |
| 2,4-Dinitrotoluene | 0.10 U | na | na | na | na | na |
| 2,6-Dinitrotoluene | 0.10 U | na | na | na | na | na |
| 2-Chloronaphthalene | 0.020 U | na | na | na | na | na |
| 2-Chlorophenol | 0.020 U | na | na | na | na | na |
| 2-Methylphenol | 0.020 UJ | na | na | na | na | na |
| 2-Nitroaniline | 0.10 U | na | na | na | na | na |
| 2-Nitrophenol | 0.10 UJ | na | na | na | na | na |
| 3,3'-Dichlorobenzidine | 0.10 U | na | na | na | na | na |
| 3-Nitroaniline | 0.12 U | na | na | na | na | na |
| 4,6-Dinitro-2-Methylphenol | 0.20 UJ | na | na | na | na | na |
| 4-Bromophenyl-phenylether | 0.020 U | na | na | na | na | na |
| 4-Chloro-3-methylphenol | 0.039 UJ | na | na | na | na | na |
| 4-Chloroaniline | 0.059 U | na | na | na | na | na |
| 4-Chlorophenyl-phenylether | 0.020 U | na | na | na | na | na |
| 4-Methylphenol | 0.020 UJ | na | na | na | na | na |
| 4-Nitroaniline | 0.10 U | na | na | na | na | na |
| 4-Nitrophenol | 0.10 UJ | na | na | na | na | na |
| Benzoic Acid | 0.20 U | na | na | na | na | na |
| Benzyl Alcohol | 0.020 U | na | na | na | na | na |
| Bis(2-Chloroethoxy) methane | 0.020 U | na | na | na | na | na |
| Bis-(2-Chloroethyl) ether | 0.039 U | na | na | na | na | na |
| Bis(2-chloroisopropyl)ether | 0.020 U | na | na | na | na | na |
| Carbazole | 0.020 U | na | na | na | na | na |
| Dibenzofuran | 0.020 U | na | na | na | na | na |

Revised EE/CA, Appendix C

June 3, 2010

Table C.3-9. Adjacent Streets – Street Dust and Catch Basin Results

| Sample Location: | SD1 ^{1,2} | SD2 ^{1,2} | SD4 ^{1,2} | SD5 ^{1,2} | SD6 ^{1,2} | SD7 ^{1,2} |
|--|----------------------------------|--|---|---|--|---|
| Sample Identification: | ROWT1 | ROWT2 | ROWT4 | ROWT5 | ROWT6 | ROWT7 |
| Sample Date: | 7/22/2004 | 7/22/2004 | 7/22/2004 | 7/22/2004 | 7/22/2004 | 7/22/2004 |
| Location Description: | W edge of Dallas Ave S at OWSEP1 | E edge of Dallas Ave S at entrance to T117 | 5-pt composite from storage area in ROW S of S Donovan St | N edge of S Donovan St at SE corner of Basin Oil prop | NW corner of S Donovan St and 17th Ave S | 5-pt composite along E edge of 17th Ave S between Dallas Ave S and S Donovan St |
| Sample Type: | Street Dust | Street Dust | Street Dust | Street Dust | Street Dust | Street Dust |
| Removed ^a : | No | No | No | No | No | No |
| Hexachlorobenzene | 0.020 U | na | na | na | na | na |
| Hexachlorobutadiene | 0.020 U | na | na | na | na | na |
| Hexachlorocyclopentadiene | 0.10 U | na | na | na | na | na |
| Hexachloroethane | 0.020 U | na | na | na | na | na |
| Isophorone | 0.020 U | na | na | na | na | na |
| Nitrobenzene | 0.020 U | na | na | na | na | na |
| N-Nitroso-di-n-Propylamine | 0.039 U | na | na | na | na | na |
| N-Nitrosodiphenylamine | 0.020 U | na | na | na | na | na |
| Pentachlorophenol | 0.10 UJ | na | na | na | na | na |
| Phenol | 0.020 UJ | na | na | na | na | na |
| Total Petroleum Hydrocarbons (mg/kg dw) | | | | | | |
| Diesel range hydrocarbons | 180 | 1,200 | 3,200 | 55 | 34 | 370 |
| Oil range hydrocarbons | 730 | 4,200 | 8,300 | 310 | 190 | 2,200 |
| Total petroleum hydrocarbons ^b | 910 | 5,400 | 11,500 | 370 | 220 | 2,600 |

ID = identification

J = estimated value

U = not detected (at the indicated reporting limit)

UJ = not detected (estimated reporting limit)

na - not analyzed or data not available

Data presented in this table are not depicted on the maps

a If yes, sample was removed as part of Interim Cleanup Actions in 2004 and 2005.

b Total petroleum hydrocarbons represents sum of diesel and oil ranges only.

¹ Data Source: Seattle Public Utilities, August 31, 2005 and October 19, 2005.

² Laboratory data has not been fully validated.

³ Aroclor 1260 was the only Aroclor detected in samples analyzed from the Adjacent Streets, with the following exceptions: Aroclor 1254 was detected at SD19 (0.043 mg/kg) and SD53 (2.4 mg/kg)

Table C.3-9. Adjacent Streets – Street Dust and Catch Basin Results

| Sample Location: | SD9 ^{1,2} | | SD10 ^{1,2} | | SD11 ^{1,2} | | SD12 ^{1,2} | | SD13 ^{1,2} (SD12 Duplicate) | | SD14 ^{1,2} | |
|----------------------------------|---|---|---|----|--|----|--|----|--------------------------------------|----|---|----|
| Sample Identification: | ROWT9 | | ROWT10 | | ROWT11 | | ROWT12 | | ROWT13 | | ROWT14 | |
| Sample Date: | 7/22/2004 | | 9/23/2004 | | 9/23/2004 | | 9/23/2004 | | 9/23/2004 | | 9/23/2004 | |
| Location Description: | 2-pt composite N and S edge of Dallas Ave S and W of 17th Ave S | | Inlet at SE corner of 14th Ave S and S Trenton St | | Composite of street dust and dirt from inlet on S Cloverdale St on E side 14th Ave S | | Composite of street dust and dirt from inlet on S Donovan St just east of 14th Ave S | | Duplicate of 12 | | Inlet at SE corner of 14th Ave S and Dallas Ave S | |
| Sample Type: | Street Dust | | Street Dust | | Street Dust | | Street Dust | | Street Dust | | Street Dust | |
| Removed ^a : | No | | No | | No | | No | | No | | No | |
| Metals (mg/kg dw) | | | | | | | | | | | | |
| Arsenic | 10 | U | na | na | na | na | na | na | na | na | na | na |
| Copper | 94 | | na | na | na | na | na | na | na | na | na | na |
| Lead | 31 | J | na | na | na | na | na | na | na | na | na | na |
| Mercury | 0.060 | | na | na | na | na | na | na | na | na | na | na |
| Zinc | 152 | J | na | na | na | na | na | na | na | na | na | na |
| PCBs (mg/kg dw) | | | | | | | | | | | | |
| Aroclor-1016 | na | | na | na | na | na | na | na | na | na | na | na |
| Aroclor-1221 | na | | na | na | na | na | na | na | na | na | na | na |
| Aroclor-1232 | na | | na | na | na | na | na | na | na | na | na | na |
| Aroclor-1242 | na | | na | na | na | na | na | na | na | na | na | na |
| Aroclor-1248 | na | | na | na | na | na | na | na | na | na | na | na |
| Aroclor-1254 | na | | na | na | na | na | na | na | na | na | na | na |
| Aroclor-1260 | na | | na | na | na | na | na | na | na | na | na | na |
| Total PCBs | 1.9 | | 0.028 | | 0.58 | | 0.46 | | 0.46 | | 0.17 | |
| Dioxins/Furans (ng/kg dw) | | | | | | | | | | | | |
| 2,3,7,8-TCDD TEQ ng/kg dw | na | | na | | na | | na | | na | | na | |
| PAHs (mg/kg dw) | | | | | | | | | | | | |
| 2-Methylnaphthalene | na | | na | | na | | na | | na | | na | |
| Acenaphthene | na | | na | | na | | na | | na | | na | |
| Acenaphthylene | na | | na | | na | | na | | na | | na | |
| Anthracene | na | | na | | na | | na | | na | | na | |
| Benzo(a)anthracene | na | | na | | na | | na | | na | | na | |
| Benzo(a)pyrene | na | | na | | na | | na | | na | | na | |
| Benzo(b)fluoranthene | na | | na | | na | | na | | na | | na | |
| Benzo(g,h,i)perylene | na | | na | | na | | na | | na | | na | |
| Benzo(k)fluoranthene | na | | na | | na | | na | | na | | na | |
| Chrysene | na | | na | | na | | na | | na | | na | |
| Dibenz(a,h)anthracene | na | | na | | na | | na | | na | | na | |
| Fluoranthene | na | | na | | na | | na | | na | | na | |
| Fluorene | na | | na | | na | | na | | na | | na | |
| Indeno(1,2,3-cd)pyrene | na | | na | | na | | na | | na | | na | |
| Naphthalene | na | | na | | na | | na | | na | | na | |
| Phenanthrene | na | | na | | na | | na | | na | | na | |
| Pyrene | na | | na | | na | | na | | na | | na | |
| Carcinogenic PAHs | na | | na | | na | | na | | na | | na | |
| Phthalates (mg/kg dw) | | | | | | | | | | | | |
| Bis(2-ethylhexyl) phthalate | na | | na | | na | | na | | na | | na | |
| Butyl benzyl phthalate | na | | na | | na | | na | | na | | na | |

Revised EE/CA, Appendix C

June 3, 2010

Table C.3-9. Adjacent Streets – Street Dust and Catch Basin Results

| Sample Location: | SD9 ^{1,2} | SD10 ^{1,2} | SD11 ^{1,2} | SD12 ^{1,2} | SD13 ^{1,2} (SD12 Duplicate) | SD14 ^{1,2} |
|-------------------------------|---|---|--|--|--------------------------------------|---|
| Sample Identification: | ROWT9 | ROWT10 | ROWT11 | ROWT12 | ROWT13 | ROWT14 |
| Sample Date: | 7/22/2004 | 9/23/2004 | 9/23/2004 | 9/23/2004 | 9/23/2004 | 9/23/2004 |
| Location Description: | 2-pt composite N and S edge of Dallas Ave S and W of 17th Ave S | Inlet at SE corner of 14th Ave S and S Trenton St | Composite of street dust and dirt from inlet on S Cloverdale St on E side 14th Ave S | Composite of street dust and dirt from inlet on S Donovan St just east of 14th Ave S | Duplicate of 12 | Inlet at SE corner of 14th Ave S and Dallas Ave S |
| Sample Type: | Street Dust | Street Dust | Street Dust | Street Dust | Street Dust | Street Dust |
| Removed ^a : | No | No | No | No | No | No |
| Diethyl phthalate | na | na | na | na | na | na |
| Dimethyl phthalate | na | na | na | na | na | na |
| Di-n-butyl phthalate | na | na | na | na | na | na |
| Di-n-octyl phthalate | na | na | na | na | na | na |
| Other SVOCs (mg/kg dw) | | | | | | |
| 1,2,4-Trichlorobenzene | na | na | na | na | na | na |
| 1,2-Dichlorobenzene | na | na | na | na | na | na |
| 1,3-Dichlorobenzene | na | na | na | na | na | na |
| 1,4-Dichlorobenzene | na | na | na | na | na | na |
| 2,2'-Oxybis(1-chloropropane) | na | na | na | na | na | na |
| 2,4,5-Trichlorophenol | na | na | na | na | na | na |
| 2,4,6-Trichlorophenol | na | na | na | na | na | na |
| 2,4-Dichlorophenol | na | na | na | na | na | na |
| 2,4-Dimethylphenol | na | na | na | na | na | na |
| 2,4-Dinitrophenol | na | na | na | na | na | na |
| 2,4-Dinitrotoluene | na | na | na | na | na | na |
| 2,6-Dinitrotoluene | na | na | na | na | na | na |
| 2-Chloronaphthalene | na | na | na | na | na | na |
| 2-Chlorophenol | na | na | na | na | na | na |
| 2-Methylphenol | na | na | na | na | na | na |
| 2-Nitroaniline | na | na | na | na | na | na |
| 2-Nitrophenol | na | na | na | na | na | na |
| 3,3'-Dichlorobenzidine | na | na | na | na | na | na |
| 3-Nitroaniline | na | na | na | na | na | na |
| 4,6-Dinitro-2-Methylphenol | na | na | na | na | na | na |
| 4-Bromophenyl-phenylether | na | na | na | na | na | na |
| 4-Chloro-3-methylphenol | na | na | na | na | na | na |
| 4-Chloroaniline | na | na | na | na | na | na |
| 4-Chlorophenyl-phenylether | na | na | na | na | na | na |
| 4-Methylphenol | na | na | na | na | na | na |
| 4-Nitroaniline | na | na | na | na | na | na |
| 4-Nitrophenol | na | na | na | na | na | na |
| Benzoic Acid | na | na | na | na | na | na |
| Benzyl Alcohol | na | na | na | na | na | na |
| Bis(2-Chloroethoxy) methane | na | na | na | na | na | na |
| Bis-(2-Chloroethyl) ether | na | na | na | na | na | na |
| Bis(2-chloroisopropyl)ether | na | na | na | na | na | na |
| Carbazole | na | na | na | na | na | na |
| Dibenzofuran | na | na | na | na | na | na |

Table C.3-9. Adjacent Streets – Street Dust and Catch Basin Results

| Sample Location: | SD9 ^{1,2} | SD10 ^{1,2} | SD11 ^{1,2} | SD12 ^{1,2} | SD13 ^{1,2} (SD12 Duplicate) | SD14 ^{1,2} |
|--|---|---|--|--|--------------------------------------|---|
| Sample Identification: | ROWT9 | ROWT10 | ROWT11 | ROWT12 | ROWT13 | ROWT14 |
| Sample Date: | 7/22/2004 | 9/23/2004 | 9/23/2004 | 9/23/2004 | 9/23/2004 | 9/23/2004 |
| Location Description: | 2-pt composite N and S edge of Dallas Ave S and W of 17th Ave S | Inlet at SE corner of 14th Ave S and S Trenton St | Composite of street dust and dirt from inlet on S Cloverdale St on E side 14th Ave S | Composite of street dust and dirt from inlet on S Donovan St just east of 14th Ave S | Duplicate of 12 | Inlet at SE corner of 14th Ave S and Dallas Ave S |
| Sample Type: | Street Dust | Street Dust | Street Dust | Street Dust | Street Dust | Street Dust |
| Removed ^a : | No | No | No | No | No | No |
| Hexachlorobenzene | na | na | na | na | na | na |
| Hexachlorobutadiene | na | na | na | na | na | na |
| Hexachlorocyclopentadiene | na | na | na | na | na | na |
| Hexachloroethane | na | na | na | na | na | na |
| Isophorone | na | na | na | na | na | na |
| Nitrobenzene | na | na | na | na | na | na |
| N-Nitroso-di-n-Propylamine | na | na | na | na | na | na |
| N-Nitrosodiphenylamine | na | na | na | na | na | na |
| Pentachlorophenol | na | na | na | na | na | na |
| Phenol | na | na | na | na | na | na |
| Total Petroleum Hydrocarbons (mg/kg dw) | | | | | | |
| Diesel range hydrocarbons | 88 | na | na | na | na | na |
| Oil range hydrocarbons | 790 | na | na | na | na | na |
| Total petroleum hydrocarbons ^b | 880 | na | na | na | na | na |

ID = identification

J = estimated value

U = not detected (at the indicated reporting limit)

UJ = not detected (estimated reporting limit)

na - not analyzed or data not available

Data presented in this table are not depicted on the maps

a If yes, sample was removed as part of Interim Cleanup Actions in 2004 and 2005.

^b Total petroleum hydrocarbons represents sum of diesel and oil ranges only.

¹ Data Source: Seattle Public Utilities, August 31, 2005 and October 19, 2005.

² Laboratory data has not been fully validated.

³ Aroclor 1260 was the only Aroclor detected in samples analyzed from the Adjacent Streets, with the following exceptions: Aroclor 1254 was detected at SD19 (0.043 mg/kg) and SD53 (2.4 mg/kg)

Table C.3-9. Adjacent Streets – Street Dust and Catch Basin Results

| Sample Location: | SD15 ^{1,2} | SD17 ^{1,2} | SD19 ^{1,2,3} | SD20 ^{1,2} | SD21 ^{1,2} | SD22 ^{1,2} |
|----------------------------------|--|---|---|--|---|--|
| Sample Identification: | ROWT15 | ROWT17 | ROWT19 | ROWT20 | ROWT21 | ROWT22 |
| Sample Date: | 9/23/2004 | 9/23/2004 | 10/26/2004 | 10/27/2004 | 10/27/2004 | 10/27/2004 |
| Location Description: | Composite of street dust on N and S side of Dallas Ave S, 100 yds E of sample 14 | Composite of street dust on N side of S Donovan St just W of 16th Ave S | Road shoulder in front of 8523 Dallas Ave S | Road shoulder across street from 8525 Dallas Ave S | Road shoulder in front of 8519 Dallas Ave S | Road shoulder in front driveway at 1437 S Donovan St |
| Sample Type: | Street Dust | Street Dust | Street Dust | Street Dust | Street Dust | Street Dust |
| Removed ^a : | No | No | Yes | Yes | No | No |
| Metals (mg/kg dw) | | | | | | |
| Arsenic | na | na | na | na | na | na |
| Copper | na | na | na | na | na | na |
| Lead | na | na | na | na | na | na |
| Mercury | na | na | na | na | na | na |
| Zinc | na | na | na | na | na | na |
| PCBs (mg/kg dw) | | | | | | |
| Aroclor-1016 | na | na | na | na | na | na |
| Aroclor-1221 | na | na | na | na | na | na |
| Aroclor-1232 | na | na | na | na | na | na |
| Aroclor-1242 | na | na | na | na | na | na |
| Aroclor-1248 | na | na | na | na | na | na |
| Aroclor-1254 | na | na | na | na | na | na |
| Aroclor-1260 | na | na | na | na | na | na |
| Total PCBs | 3.1 | 0.34 | 0.16 | 1.3 | 0.075 | 0.028 |
| Dioxins/Furans (ng/kg dw) | | | | | | |
| 2,3,7,8-TCDD TEQ ng/kg dw | na | na | na | na | na | na |
| PAHs (mg/kg dw) | | | | | | |
| 2-Methylnaphthalene | na | na | na | na | na | na |
| Acenaphthene | na | na | na | na | na | na |
| Acenaphthylene | na | na | na | na | na | na |
| Anthracene | na | na | na | na | na | na |
| Benzo(a)anthracene | na | na | na | na | na | na |
| Benzo(a)pyrene | na | na | na | na | na | na |
| Benzo(b)fluoranthene | na | na | na | na | na | na |
| Benzo(g,h,i)perylene | na | na | na | na | na | na |
| Benzo(k)fluoranthene | na | na | na | na | na | na |
| Chrysene | na | na | na | na | na | na |
| Dibenz(a,h)anthracene | na | na | na | na | na | na |
| Fluoranthene | na | na | na | na | na | na |
| Fluorene | na | na | na | na | na | na |
| Indeno(1,2,3-cd)pyrene | na | na | na | na | na | na |
| Naphthalene | na | na | na | na | na | na |
| Phenanthrene | na | na | na | na | na | na |
| Pyrene | na | na | na | na | na | na |
| Carcinogenic PAHs | na | na | na | na | na | na |
| Phthalates (mg/kg dw) | | | | | | |
| Bis(2-ethylhexyl) phthalate | na | na | na | na | na | na |
| Butyl benzyl phthalate | na | na | na | na | na | na |

Table C.3-9. Adjacent Streets – Street Dust and Catch Basin Results

| Sample Location: | SD15 ^{1,2} | SD17 ^{1,2} | SD19 ^{1,2,3} | SD20 ^{1,2} | SD21 ^{1,2} | SD22 ^{1,2} |
|-------------------------------|--|---|---|--|---|--|
| Sample Identification: | ROWT15 | ROWT17 | ROWT19 | ROWT20 | ROWT21 | ROWT22 |
| Sample Date: | 9/23/2004 | 9/23/2004 | 10/26/2004 | 10/27/2004 | 10/27/2004 | 10/27/2004 |
| Location Description: | Composite of street dust on N and S side of Dallas Ave S, 100 yds E of sample 14 | Composite of street dust on N side of S Donovan St just W of 16th Ave S | Road shoulder in front of 8523 Dallas Ave S | Road shoulder across street from 8525 Dallas Ave S | Road shoulder in front of 8519 Dallas Ave S | Road shoulder in front driveway at 1437 S Donovan St |
| Sample Type: | Street Dust | Street Dust | Street Dust | Street Dust | Street Dust | Street Dust |
| Removed ^a : | No | No | Yes | Yes | No | No |
| Diethyl phthalate | na | na | na | na | na | na |
| Dimethyl phthalate | na | na | na | na | na | na |
| Di-n-butyl phthalate | na | na | na | na | na | na |
| Di-n-octyl phthalate | na | na | na | na | na | na |
| Other SVOCs (mg/kg dw) | | | | | | |
| 1,2,4-Trichlorobenzene | na | na | na | na | na | na |
| 1,2-Dichlorobenzene | na | na | na | na | na | na |
| 1,3-Dichlorobenzene | na | na | na | na | na | na |
| 1,4-Dichlorobenzene | na | na | na | na | na | na |
| 2,2'-Oxybis(1-chloropropane) | na | na | na | na | na | na |
| 2,4,5-Trichlorophenol | na | na | na | na | na | na |
| 2,4,6-Trichlorophenol | na | na | na | na | na | na |
| 2,4-Dichlorophenol | na | na | na | na | na | na |
| 2,4-Dimethylphenol | na | na | na | na | na | na |
| 2,4-Dinitrophenol | na | na | na | na | na | na |
| 2,4-Dinitrotoluene | na | na | na | na | na | na |
| 2,6-Dinitrotoluene | na | na | na | na | na | na |
| 2-Chloronaphthalene | na | na | na | na | na | na |
| 2-Chlorophenol | na | na | na | na | na | na |
| 2-Methylphenol | na | na | na | na | na | na |
| 2-Nitroaniline | na | na | na | na | na | na |
| 2-Nitrophenol | na | na | na | na | na | na |
| 3,3'-Dichlorobenzidine | na | na | na | na | na | na |
| 3-Nitroaniline | na | na | na | na | na | na |
| 4,6-Dinitro-2-Methylphenol | na | na | na | na | na | na |
| 4-Bromophenyl-phenylether | na | na | na | na | na | na |
| 4-Chloro-3-methylphenol | na | na | na | na | na | na |
| 4-Chloroaniline | na | na | na | na | na | na |
| 4-Chlorophenyl-phenylether | na | na | na | na | na | na |
| 4-Methylphenol | na | na | na | na | na | na |
| 4-Nitroaniline | na | na | na | na | na | na |
| 4-Nitrophenol | na | na | na | na | na | na |
| Benzoic Acid | na | na | na | na | na | na |
| Benzyl Alcohol | na | na | na | na | na | na |
| Bis(2-Chloroethoxy) methane | na | na | na | na | na | na |
| Bis-(2-Chloroethyl) ether | na | na | na | na | na | na |
| Bis(2-chloroisopropyl)ether | na | na | na | na | na | na |
| Carbazole | na | na | na | na | na | na |
| Dibenzofuran | na | na | na | na | na | na |

Table C.3-9. Adjacent Streets – Street Dust and Catch Basin Results

| Sample Location: | SD15 ^{1,2} | SD17 ^{1,2} | SD19 ^{1,2,3} | SD20 ^{1,2} | SD21 ^{1,2} | SD22 ^{1,2} |
|--|--|---|---|--|---|--|
| Sample Identification: | ROWT15 | ROWT17 | ROWT19 | ROWT20 | ROWT21 | ROWT22 |
| Sample Date: | 9/23/2004 | 9/23/2004 | 10/26/2004 | 10/27/2004 | 10/27/2004 | 10/27/2004 |
| Location Description: | Composite of street dust on N and S side of Dallas Ave S, 100 yds E of sample 14 | Composite of street dust on N side of S Donovan St just W of 16th Ave S | Road shoulder in front of 8523 Dallas Ave S | Road shoulder across street from 8525 Dallas Ave S | Road shoulder in front of 8519 Dallas Ave S | Road shoulder in front driveway at 1437 S Donovan St |
| Sample Type: | Street Dust | Street Dust | Street Dust | Street Dust | Street Dust | Street Dust |
| Removed ^a : | No | No | Yes | Yes | No | No |
| Hexachlorobenzene | na | na | na | na | na | na |
| Hexachlorobutadiene | na | na | na | na | na | na |
| Hexachlorocyclopentadiene | na | na | na | na | na | na |
| Hexachloroethane | na | na | na | na | na | na |
| Isophorone | na | na | na | na | na | na |
| Nitrobenzene | na | na | na | na | na | na |
| N-Nitroso-di-n-Propylamine | na | na | na | na | na | na |
| N-Nitrosodiphenylamine | na | na | na | na | na | na |
| Pentachlorophenol | na | na | na | na | na | na |
| Phenol | na | na | na | na | na | na |
| Total Petroleum Hydrocarbons (mg/kg dw) | | | | | | |
| Diesel range hydrocarbons | na | na | 640 | 38 | 520 | 15 U |
| Oil range hydrocarbons | na | na | 6,200 | 290 | 5,200 | 57 |
| Total petroleum hydrocarbons ^b | na | na | 6,800 | 330 | 5,700 | 57 |

ID = identification

J = estimated value

U = not detected (at the indicated reporting limit)

UJ = not detected (estimated reporting limit)

na - not analyzed or data not available

Data presented in this table are not depicted on the maps

a If yes, sample was removed as part of Interim Cleanup Actions in 2004 and 2005.

^b Total petroleum hydrocarbons represents sum of diesel and oil ranges only.

¹ Data Source: Seattle Public Utilities, August 31, 2005 and October 19, 2005.

² Laboratory data has not been fully validated.

³ Aroclor 1260 was the only Aroclor detected in samples analyzed from the Adjacent Streets, with the following exceptions: Aroclor 1254 was detected at SD19 (0.043 mg/kg) and SD53 (2.4 mg/kg)

Table C.3-9. Adjacent Streets – Street Dust and Catch Basin Results

| Sample Location: | SD30A ^{1,2} | SD31 ^{1,2} | SD32 ^{1,2} | SD33 ^{1,2} | SD34 ^{1,2} | SD51 ^{1,2} |
|----------------------------------|---|---|--|--|--|---|
| Sample Identification: | SD30-101905 | SD31-101905 | SD32-101905 | SD33-101905 | SD34-101905 | TP51-031605 |
| Sample Date: | 10/19/2005 | 10/19/2005 | 10/19/2005 | 10/19/2005 | 10/19/2005 | 3/16/2005 |
| Location Description: | 6 pt. comp. S Cloverdale St E end (#1429 to 1445) | 6 pt. comp. S Cloverdale St W end (#1417 to 1424) | 5 pt. comp. 16th Ave S, W side of street (edge of pavement along gravel parking strip) | 5 pt. comp. 16th Ave S, E side of street (#8620) | 5 pt. comp. S Donovan St, N side between 16th Ave S and 17th Ave S (#8620) | Edge ROW on W side 16th Ave S near S Cloverdale St (60' from Dallas) |
| Sample Type: | Street Dust | Street Dust | Street Dust | Street Dust | Street Dust | Street Dust |
| Removed ^a : | Yes | Yes | No | No | Yes | Yes |
| Metals (mg/kg dw) | | | | | | |
| Arsenic | na | na | na | na | na | na |
| Copper | na | na | na | na | na | na |
| Lead | na | na | na | na | na | na |
| Mercury | na | na | na | na | na | na |
| Zinc | na | na | na | na | na | na |
| PCBs (mg/kg dw) | | | | | | |
| Aroclor-1016 | na | na | na | na | na | na |
| Aroclor-1221 | na | na | na | na | na | na |
| Aroclor-1232 | na | na | na | na | na | na |
| Aroclor-1242 | na | na | na | na | na | na |
| Aroclor-1248 | na | na | na | na | na | na |
| Aroclor-1254 | na | na | na | na | na | na |
| Aroclor-1260 | na | na | na | na | na | na |
| Total PCBs | 2.4 | 2.3 | 0.29 | 0.26 | 2.9 | 47 |
| Dioxins/Furans (ng/kg dw) | | | | | | |
| 2,3,7,8-TCDD TEQ ng/kg dw | na | na | na | na | na | na |
| PAHs (mg/kg dw) | | | | | | |
| 2-Methylnaphthalene | na | na | na | na | na | na |
| Acenaphthene | na | na | na | na | na | na |
| Acenaphthylene | na | na | na | na | na | na |
| Anthracene | na | na | na | na | na | na |
| Benzo(a)anthracene | na | na | na | na | na | na |
| Benzo(a)pyrene | na | na | na | na | na | na |
| Benzo(b)fluoranthene | na | na | na | na | na | na |
| Benzo(g,h,i)perylene | na | na | na | na | na | na |
| Benzo(k)fluoranthene | na | na | na | na | na | na |
| Chrysene | na | na | na | na | na | na |
| Dibenz(a,h)anthracene | na | na | na | na | na | na |
| Fluoranthene | na | na | na | na | na | na |
| Fluorene | na | na | na | na | na | na |
| Indeno(1,2,3-cd)pyrene | na | na | na | na | na | na |
| Naphthalene | na | na | na | na | na | na |
| Phenanthrene | na | na | na | na | na | na |
| Pyrene | na | na | na | na | na | na |
| Carcinogenic PAHs | na | na | na | na | na | na |
| Phthalates (mg/kg dw) | | | | | | |
| Bis(2-ethylhexyl) phthalate | na | na | na | na | na | na |
| Butyl benzyl phthalate | na | na | na | na | na | na |

Revised EE/CA, Appendix C

June 3, 2010

Table C.3-9. Adjacent Streets – Street Dust and Catch Basin Results

| Sample Location: | SD30A ^{1,2} | SD31 ^{1,2} | SD32 ^{1,2} | SD33 ^{1,2} | SD34 ^{1,2} | SD51 ^{1,2} |
|-------------------------------|---|---|--|--|--|---|
| Sample Identification: | SD30-101905 | SD31-101905 | SD32-101905 | SD33-101905 | SD34-101905 | TP51-031605 |
| Sample Date: | 10/19/2005 | 10/19/2005 | 10/19/2005 | 10/19/2005 | 10/19/2005 | 3/16/2005 |
| Location Description: | 6 pt. comp. S Cloverdale St E end (#1429 to 1445) | 6 pt. comp. S Cloverdale St W end (#1417 to 1424) | 5 pt. comp. 16th Ave S, W side of street (edge of pavement along gravel parking strip) | 5 pt. comp. 16th Ave S, E side of street (#8620) | 5 pt. comp. S Donovan St, N side between 16th Ave S and 17th Ave S (#8620) | Edge ROW on W side 16th Ave S near S Cloverdale St (60' from Dallas) |
| Sample Type: | Street Dust | Street Dust | Street Dust | Street Dust | Street Dust | Street Dust |
| Removed ^a : | Yes | Yes | No | No | Yes | Yes |
| Diethyl phthalate | na | na | na | na | na | na |
| Dimethyl phthalate | na | na | na | na | na | na |
| Di-n-butyl phthalate | na | na | na | na | na | na |
| Di-n-octyl phthalate | na | na | na | na | na | na |
| Other SVOCs (mg/kg dw) | | | | | | |
| 1,2,4-Trichlorobenzene | na | na | na | na | na | na |
| 1,2-Dichlorobenzene | na | na | na | na | na | na |
| 1,3-Dichlorobenzene | na | na | na | na | na | na |
| 1,4-Dichlorobenzene | na | na | na | na | na | na |
| 2,2'-Oxybis(1-chloropropane) | na | na | na | na | na | na |
| 2,4,5-Trichlorophenol | na | na | na | na | na | na |
| 2,4,6-Trichlorophenol | na | na | na | na | na | na |
| 2,4-Dichlorophenol | na | na | na | na | na | na |
| 2,4-Dimethylphenol | na | na | na | na | na | na |
| 2,4-Dinitrophenol | na | na | na | na | na | na |
| 2,4-Dinitrotoluene | na | na | na | na | na | na |
| 2,6-Dinitrotoluene | na | na | na | na | na | na |
| 2-Chloronaphthalene | na | na | na | na | na | na |
| 2-Chlorophenol | na | na | na | na | na | na |
| 2-Methylphenol | na | na | na | na | na | na |
| 2-Nitroaniline | na | na | na | na | na | na |
| 2-Nitrophenol | na | na | na | na | na | na |
| 3,3'-Dichlorobenzidine | na | na | na | na | na | na |
| 3-Nitroaniline | na | na | na | na | na | na |
| 4,6-Dinitro-2-Methylphenol | na | na | na | na | na | na |
| 4-Bromophenyl-phenylether | na | na | na | na | na | na |
| 4-Chloro-3-methylphenol | na | na | na | na | na | na |
| 4-Chloroaniline | na | na | na | na | na | na |
| 4-Chlorophenyl-phenylether | na | na | na | na | na | na |
| 4-Methylphenol | na | na | na | na | na | na |
| 4-Nitroaniline | na | na | na | na | na | na |
| 4-Nitrophenol | na | na | na | na | na | na |
| Benzoic Acid | na | na | na | na | na | na |
| Benzyl Alcohol | na | na | na | na | na | na |
| Bis(2-Chloroethoxy) methane | na | na | na | na | na | na |
| Bis-(2-Chloroethyl) ether | na | na | na | na | na | na |
| Bis(2-chloroisopropyl)ether | na | na | na | na | na | na |
| Carbazole | na | na | na | na | na | na |
| Dibenzofuran | na | na | na | na | na | na |

Table C.3-9. Adjacent Streets – Street Dust and Catch Basin Results

| Sample Location: | SD30A ^{1,2} | SD31 ^{1,2} | SD32 ^{1,2} | SD33 ^{1,2} | SD34 ^{1,2} | SD51 ^{1,2} |
|--|---|---|--|--|--|---|
| Sample Identification: | SD30-101905 | SD31-101905 | SD32-101905 | SD33-101905 | SD34-101905 | TP51-031605 |
| Sample Date: | 10/19/2005 | 10/19/2005 | 10/19/2005 | 10/19/2005 | 10/19/2005 | 3/16/2005 |
| Location Description: | 6 pt. comp. S Cloverdale St E end (#1429 to 1445) | 6 pt. comp. S Cloverdale St W end (#1417 to 1424) | 5 pt. comp. 16th Ave S, W side of street (edge of pavement along gravel parking strip) | 5 pt. comp. 16th Ave S, E side of street (#8620) | 5 pt. comp. S Donovan St, N side between 16th Ave S and 17th Ave S (#8620) | Edge ROW on W side 16th Ave S near S Cloverdale St (60' from Dallas) |
| Sample Type: | Street Dust | Street Dust | Street Dust | Street Dust | Street Dust | Street Dust |
| Removed ^a : | Yes | Yes | No | No | Yes | Yes |
| Hexachlorobenzene | na | na | na | na | na | na |
| Hexachlorobutadiene | na | na | na | na | na | na |
| Hexachlorocyclopentadiene | na | na | na | na | na | na |
| Hexachloroethane | na | na | na | na | na | na |
| Isophorone | na | na | na | na | na | na |
| Nitrobenzene | na | na | na | na | na | na |
| N-Nitroso-di-n-Propylamine | na | na | na | na | na | na |
| N-Nitrosodiphenylamine | na | na | na | na | na | na |
| Pentachlorophenol | na | na | na | na | na | na |
| Phenol | na | na | na | na | na | na |
| Total Petroleum Hydrocarbons (mg/kg dw) | | | | | | |
| Diesel range hydrocarbons | na | na | na | na | na | na |
| Oil range hydrocarbons | na | na | na | na | na | na |
| Total petroleum hydrocarbons ^b | na | na | na | na | na | na |

ID = identification

J = estimated value

U = not detected (at the indicated reporting limit)

UJ = not detected (estimated reporting limit)

na - not analyzed or data not available

Data presented in this table are not depicted on the maps

a If yes, sample was removed as part of Interim Cleanup Actions in 2004 and 2005.

b Total petroleum hydrocarbons represents sum of diesel and oil ranges only.

¹ Data Source: Seattle Public Utilities, August 31, 2005 and October 19, 2005.

² Laboratory data has not been fully validated.

³ Aroclor 1260 was the only Aroclor detected in samples analyzed from the Adjacent Streets, with the following exceptions: Aroclor 1254 was detected at SD19 (0.043 mg/kg) and SD53 (2.4 mg/kg)

Table C.3-9. Adjacent Streets – Street Dust and Catch Basin Results

| Sample Location: | SD52 ^{1,2} | SD3 ^{1,2} | SD8 ^{1,2} | SD16 ^{1,2} | SD18 ^{1,2} | SD25 ^{1,2} |
|----------------------------------|---|--|-------------------------------------|--|--|---|
| Sample Identification: | TP52-031605 | ROWT3 | ROWT8 | ROWT16 | ROWT18 | ROWT25 |
| Sample Date: | 3/16/2005 | 7/22/2004 | 7/22/2004 | 9/23/2004 | 9/23/2004 | 12/8/2004 |
| Location Description: | Edge ROW on W side 16th Ave S (12.5' from Dallas) | CB on Dallas Ave S at NW corner of Port bldg at S end T117 | CB on W side of 17th Ave S at #8609 | CB sample at SE corner of 16th Ave S and S Cloverdale St | Catch basin at 17th Ave S and S Donovan St | CB at SE Corner of S Cloverdale St and 10th Ave S |
| Sample Type: | Street Dust | Catch Basin | Catch Basin | Catch Basin | Catch Basin | Catch Basin |
| Removed ^a : | Yes | No | Yes | No | No | No |
| Metals (mg/kg dw) | | | | | | |
| Arsenic | na | 10 U | 9.0 U | na | na | na |
| Copper | na | 146 | 169 | na | na | na |
| Lead | na | 65 J | 112 J | na | na | na |
| Mercury | na | 0.11 | 0.14 | na | na | na |
| Zinc | na | 423 J | 319 J | na | na | na |
| PCBs (mg/kg dw) | | | | | | |
| Aroclor-1016 | na | na | na | na | na | na |
| Aroclor-1221 | na | na | na | na | na | na |
| Aroclor-1232 | na | na | na | na | na | na |
| Aroclor-1242 | na | na | na | na | na | na |
| Aroclor-1248 | na | na | na | na | na | na |
| Aroclor-1254 | na | na | na | na | na | na |
| Aroclor-1260 | na | na | na | na | na | na |
| Total PCBs | 86 | 7 | 9.2 | 0.36 | 0.36 | 0.040 U |
| Dioxins/Furans (ng/kg dw) | | | | | | |
| 2,3,7,8-TCDD TEQ ng/kg dw | 90.5 | na | na | na | na | na |
| PAHs (mg/kg dw) | | | | | | |
| 2-Methylnaphthalene | na | na | 0.074 U | na | na | na |
| Acenaphthene | na | na | 0.074 U | na | na | na |
| Acenaphthylene | na | na | 0.074 U | na | na | na |
| Anthracene | na | na | 0.074 U | na | na | na |
| Benzo(a)anthracene | na | na | 0.074 U | na | na | na |
| Benzo(a)pyrene | na | na | 0.074 U | na | na | na |
| Benzo(b)fluoranthene | na | na | 0.074 U | na | na | na |
| Benzo(g,h,i)perylene | na | na | 0.074 U | na | na | na |
| Benzo(k)fluoranthene | na | na | 0.074 U | na | na | na |
| Chrysene | na | na | 0.086 | na | na | na |
| Dibenz(a,h)anthracene | na | na | 0.074 U | na | na | na |
| Fluoranthene | na | na | 0.074 U | na | na | na |
| Fluorene | na | na | 0.074 U | na | na | na |
| Indeno(1,2,3-cd)pyrene | na | na | 0.074 U | na | na | na |
| Naphthalene | na | na | 0.074 U | na | na | na |
| Phenanthrene | na | na | 0.074 U | na | na | na |
| Pyrene | na | na | 0.11 | na | na | na |
| Carcinogenic PAHs | na | na | 0.067 | na | na | na |
| Phthalates (mg/kg dw) | | | | | | |
| Bis(2-ethylhexyl) phthalate | na | na | 0.84 | na | na | na |
| Butyl benzyl phthalate | na | na | 0.074 U | na | na | na |

Revised EE/CA, Appendix C

June 3, 2010

Table C.3-9. Adjacent Streets – Street Dust and Catch Basin Results

| Sample Location: | SD52 ^{1,2} | SD3 ^{1,2} | SD8 ^{1,2} | SD16 ^{1,2} | SD18 ^{1,2} | SD25 ^{1,2} |
|-------------------------------|---|--|-------------------------------------|--|--|---|
| Sample Identification: | TP52-031605 | ROWT3 | ROWT8 | ROWT16 | ROWT18 | ROWT25 |
| Sample Date: | 3/16/2005 | 7/22/2004 | 7/22/2004 | 9/23/2004 | 9/23/2004 | 12/8/2004 |
| Location Description: | Edge ROW on W side 16th Ave S (12.5' from Dallas) | CB on Dallas Ave S at NW corner of Port bldg at S end T117 | CB on W side of 17th Ave S at #8609 | CB sample at SE corner of 16th Ave S and S Cloverdale St | Catch basin at 17th Ave S and S Donovan St | CB at SE Corner of S Cloverdale St and 10th Ave S |
| Sample Type: | Street Dust | Catch Basin | Catch Basin | Catch Basin | Catch Basin | Catch Basin |
| Removed ^a : | Yes | No | Yes | No | No | No |
| Diethyl phthalate | na | na | 0.074 U | na | na | na |
| Dimethyl phthalate | na | na | 0.074 U | na | na | na |
| Di-n-butyl phthalate | na | na | 0.074 U | na | na | na |
| Di-n-octyl phthalate | na | na | 0.074 U | na | na | na |
| Other SVOCs (mg/kg dw) | | | | | | |
| 1,2,4-Trichlorobenzene | na | na | 0.074 U | na | na | na |
| 1,2-Dichlorobenzene | na | na | 0.074 U | na | na | na |
| 1,3-Dichlorobenzene | na | na | 0.074 U | na | na | na |
| 1,4-Dichlorobenzene | na | na | 0.074 U | na | na | na |
| 2,2'-Oxybis(1-chloropropane) | na | na | na | na | na | na |
| 2,4,5-Trichlorophenol | na | na | 0.37 UJ | na | na | na |
| 2,4,6-Trichlorophenol | na | na | 0.37 UJ | na | na | na |
| 2,4-Dichlorophenol | na | na | 0.22 UJ | na | na | na |
| 2,4-Dimethylphenol | na | na | 0.074 UJ | na | na | na |
| 2,4-Dinitrophenol | na | na | 0.74 UJ | na | na | na |
| 2,4-Dinitrotoluene | na | na | 0.37 U | na | na | na |
| 2,6-Dinitrotoluene | na | na | 0.37 U | na | na | na |
| 2-Chloronaphthalene | na | na | 0.074 U | na | na | na |
| 2-Chlorophenol | na | na | 0.074 U | na | na | na |
| 2-Methylphenol | na | na | 0.074 UJ | na | na | na |
| 2-Nitroaniline | na | na | 0.37 U | na | na | na |
| 2-Nitrophenol | na | na | 0.37 UJ | na | na | na |
| 3,3'-Dichlorobenzidine | na | na | 0.37 U | na | na | na |
| 3-Nitroaniline | na | na | 0.44 U | na | na | na |
| 4,6-Dinitro-2-Methylphenol | na | na | 0.74 UJ | na | na | na |
| 4-Bromophenyl-phenylether | na | na | 0.074 U | na | na | na |
| 4-Chloro-3-methylphenol | na | na | 0.15 UJ | na | na | na |
| 4-Chloroaniline | na | na | 0.22 U | na | na | na |
| 4-Chlorophenyl-phenylether | na | na | 0.074 U | na | na | na |
| 4-Methylphenol | na | na | 0.074 UJ | na | na | na |
| 4-Nitroaniline | na | na | 0.37 U | na | na | na |
| 4-Nitrophenol | na | na | 0.37 UJ | na | na | na |
| Benzoic Acid | na | na | 0.74 U | na | na | na |
| Benzyl Alcohol | na | na | 0.074 U | na | na | na |
| Bis(2-Chloroethoxy) methane | na | na | 0.074 U | na | na | na |
| Bis-(2-Chloroethyl) ether | na | na | 0.15 U | na | na | na |
| Bis(2-chloroisopropyl)ether | na | na | 0.074 U | na | na | na |
| Carbazole | na | na | 0.074 U | na | na | na |
| Dibenzofuran | na | na | 0.074 U | na | na | na |

Revised EE/CA, Appendix C

June 3, 2010

Table C.3-9. Adjacent Streets – Street Dust and Catch Basin Results

| Sample Location: | SD52 ^{1,2} | SD3 ^{1,2} | SD8 ^{1,2} | SD16 ^{1,2} | SD18 ^{1,2} | SD25 ^{1,2} |
|--|---|--|-------------------------------------|--|--|---|
| Sample Identification: | TP52-031605 | ROWT3 | ROWT8 | ROWT16 | ROWT18 | ROWT25 |
| Sample Date: | 3/16/2005 | 7/22/2004 | 7/22/2004 | 9/23/2004 | 9/23/2004 | 12/8/2004 |
| Location Description: | Edge ROW on W side 16th Ave S (12.5' from Dallas) | CB on Dallas Ave S at NW corner of Port bldg at S end T117 | CB on W side of 17th Ave S at #8609 | CB sample at SE corner of 16th Ave S and S Cloverdale St | Catch basin at 17th Ave S and S Donovan St | CB at SE Corner of S Cloverdale St and 10th Ave S |
| Sample Type: | Street Dust | Catch Basin | Catch Basin | Catch Basin | Catch Basin | Catch Basin |
| Removed ^a : | Yes | No | Yes | No | No | No |
| Hexachlorobenzene | na | na | 0.074 U | na | na | na |
| Hexachlorobutadiene | na | na | 0.074 U | na | na | na |
| Hexachlorocyclopentadiene | na | na | 0.37 U | na | na | na |
| Hexachloroethane | na | na | 0.074 U | na | na | na |
| Isophorone | na | na | 0.074 U | na | na | na |
| Nitrobenzene | na | na | 0.074 U | na | na | na |
| N-Nitroso-di-n-Propylamine | na | na | 0.15 U | na | na | na |
| N-Nitrosodiphenylamine | na | na | 0.074 U | na | na | na |
| Pentachlorophenol | na | na | 0.37 UJ | na | na | na |
| Phenol | na | na | 0.074 UJ | na | na | na |
| Total Petroleum Hydrocarbons (mg/kg dw) | | | | | | |
| Diesel range hydrocarbons | na | 4,600 | 650 | na | na | 110 |
| Oil range hydrocarbons | na | 9,500 | 3,000 | na | na | 690 |
| Total petroleum hydrocarbons ^b | na | 14,100 | 4,000 | na | na | 800 |

ID = identification

J = estimated value

U = not detected (at the indicated reporting limit)

UJ = not detected (estimated reporting limit)

na - not analyzed or data not available

Data presented in this table are not depicted on the maps

a If yes, sample was removed as part of Interim Cleanup Actions in 2004 and 2005.

b Total petroleum hydrocarbons represents sum of diesel and oil ranges only.

¹ Data Source: Seattle Public Utilities, August 31, 2005 and October 19, 2005.

² Laboratory data has not been fully validated.

³ Aroclor 1260 was the only Aroclor detected in samples analyzed from the Adjacent Streets, with the following exceptions: Aroclor 1254 was detected at SD19 (0.043 mg/kg) and SD53 (2.4 mg/kg)

Table C.3-9. Adjacent Streets – Street Dust and Catch Basin Results

| Sample Location: | SD26 ^{1,2} (SD25 Duplicate) | SD27 ^{1,2} | SD28 ^{1,2} | SD29 ^{1,2} | SD30 ^{1,2} | SD53 ^{1,2,3} |
|----------------------------------|--------------------------------------|--|---|---|--|---|
| Sample Identification: | ROWT26 | ROWT27 | ROWT28 | ROWT29 | ROWT30 | CB53 |
| Sample Date: | 12/8/2004 | 12/8/2004 | 12/8/2004 | 12/8/2004 | 12/8/2004 | 3/16/2005 |
| Location Description: | Duplicate of SD25 | CB at SW Corner of S Sullivan St and 8th Ave S | CB at NE corner of S Sullivan St and 12th Ave S | CB at NW corner of S Cloverdale St and 12th Ave S | CB at SW corner of S Donovan St and 12th Ave S | CB at boat storage yard on Dallas Ave S |
| Sample Type: | Catch Basin | Catch Basin | Catch Basin | Catch Basin | Catch Basin | Catch Basin |
| Removed ^a : | No | No | No | No | No | Yes |
| Metals (mg/kg dw) | | | | | | |
| Arsenic | na | na | na | na | na | na |
| Copper | na | na | na | na | na | na |
| Lead | na | na | na | na | na | na |
| Mercury | na | na | na | na | na | na |
| Zinc | na | na | na | na | na | na |
| PCBs (mg/kg dw) | | | | | | |
| Aroclor-1016 | na | na | na | na | na | na |
| Aroclor-1221 | na | na | na | na | na | na |
| Aroclor-1232 | na | na | na | na | na | na |
| Aroclor-1242 | na | na | na | na | na | na |
| Aroclor-1248 | na | na | na | na | na | na |
| Aroclor-1254 | na | na | na | na | na | na |
| Aroclor-1260 | na | na | na | na | na | na |
| Total PCBs | 0.039 U | 0.050 U | 0.020 U | 0.039 U | 0.82 | 6.3 |
| Dioxins/Furans (ng/kg dw) | | | | | | |
| 2,3,7,8-TCDD TEQ ng/kg dw | na | na | na | na | na | na |
| PAHs (mg/kg dw) | | | | | | |
| 2-Methylnaphthalene | na | na | na | na | na | na |
| Acenaphthene | na | na | na | na | na | na |
| Acenaphthylene | na | na | na | na | na | na |
| Anthracene | na | na | na | na | na | na |
| Benzo(a)anthracene | na | na | na | na | na | na |
| Benzo(a)pyrene | na | na | na | na | na | na |
| Benzo(b)fluoranthene | na | na | na | na | na | na |
| Benzo(g,h,i)perylene | na | na | na | na | na | na |
| Benzo(k)fluoranthene | na | na | na | na | na | na |
| Chrysene | na | na | na | na | na | na |
| Dibenz(a,h)anthracene | na | na | na | na | na | na |
| Fluoranthene | na | na | na | na | na | na |
| Fluorene | na | na | na | na | na | na |
| Indeno(1,2,3-cd)pyrene | na | na | na | na | na | na |
| Naphthalene | na | na | na | na | na | na |
| Phenanthrene | na | na | na | na | na | na |
| Pyrene | na | na | na | na | na | na |
| Carcinogenic PAHs | na | na | na | na | na | na |
| Phthalates (mg/kg dw) | | | | | | |
| Bis(2-ethylhexyl) phthalate | na | na | na | na | na | na |
| Butyl benzyl phthalate | na | na | na | na | na | na |

Revised EE/CA, Appendix C

June 3, 2010

Table C.3-9. Adjacent Streets – Street Dust and Catch Basin Results

| Sample Location: | SD26 ^{1,2} (SD25 Duplicate) | SD27 ^{1,2} | SD28 ^{1,2} | SD29 ^{1,2} | SD30 ^{1,2} | SD53 ^{1,2,3} |
|-------------------------------|--------------------------------------|--|---|---|--|---|
| Sample Identification: | ROWT26 | ROWT27 | ROWT28 | ROWT29 | ROWT30 | CB53 |
| Sample Date: | 12/8/2004 | 12/8/2004 | 12/8/2004 | 12/8/2004 | 12/8/2004 | 3/16/2005 |
| Location Description: | Duplicate of SD25 | CB at SW Corner of S Sullivan St and 8th Ave S | CB at NE corner of S Sullivan St and 12th Ave S | CB at NW corner of S Cloverdale St and 12th Ave S | CB at SW corner of S Donovan St and 12th Ave S | CB at boat storage yard on Dallas Ave S |
| Sample Type: | Catch Basin | Catch Basin | Catch Basin | Catch Basin | Catch Basin | Catch Basin |
| Removed ^a : | No | No | No | No | No | Yes |
| Diethyl phthalate | na | na | na | na | na | na |
| Dimethyl phthalate | na | na | na | na | na | na |
| Di-n-butyl phthalate | na | na | na | na | na | na |
| Di-n-octyl phthalate | na | na | na | na | na | na |
| Other SVOCs (mg/kg dw) | | | | | | |
| 1,2,4-Trichlorobenzene | na | na | na | na | na | na |
| 1,2-Dichlorobenzene | na | na | na | na | na | na |
| 1,3-Dichlorobenzene | na | na | na | na | na | na |
| 1,4-Dichlorobenzene | na | na | na | na | na | na |
| 2,2'-Oxybis(1-chloropropane) | na | na | na | na | na | na |
| 2,4,5-Trichlorophenol | na | na | na | na | na | na |
| 2,4,6-Trichlorophenol | na | na | na | na | na | na |
| 2,4-Dichlorophenol | na | na | na | na | na | na |
| 2,4-Dimethylphenol | na | na | na | na | na | na |
| 2,4-Dinitrophenol | na | na | na | na | na | na |
| 2,4-Dinitrotoluene | na | na | na | na | na | na |
| 2,6-Dinitrotoluene | na | na | na | na | na | na |
| 2-Chloronaphthalene | na | na | na | na | na | na |
| 2-Chlorophenol | na | na | na | na | na | na |
| 2-Methylphenol | na | na | na | na | na | na |
| 2-Nitroaniline | na | na | na | na | na | na |
| 2-Nitrophenol | na | na | na | na | na | na |
| 3,3'-Dichlorobenzidine | na | na | na | na | na | na |
| 3-Nitroaniline | na | na | na | na | na | na |
| 4,6-Dinitro-2-Methylphenol | na | na | na | na | na | na |
| 4-Bromophenyl-phenylether | na | na | na | na | na | na |
| 4-Chloro-3-methylphenol | na | na | na | na | na | na |
| 4-Chloroaniline | na | na | na | na | na | na |
| 4-Chlorophenyl-phenylether | na | na | na | na | na | na |
| 4-Methylphenol | na | na | na | na | na | na |
| 4-Nitroaniline | na | na | na | na | na | na |
| 4-Nitrophenol | na | na | na | na | na | na |
| Benzoic Acid | na | na | na | na | na | na |
| Benzyl Alcohol | na | na | na | na | na | na |
| Bis(2-Chloroethoxy) methane | na | na | na | na | na | na |
| Bis-(2-Chloroethyl) ether | na | na | na | na | na | na |
| Bis(2-chloroisopropyl)ether | na | na | na | na | na | na |
| Carbazole | na | na | na | na | na | na |
| Dibenzofuran | na | na | na | na | na | na |

Table C.3-9. Adjacent Streets – Street Dust and Catch Basin Results

| Sample Location: | SD26 ^{1,2} (SD25 Duplicate) | SD27 ^{1,2} | SD28 ^{1,2} | SD29 ^{1,2} | SD30 ^{1,2} | SD53 ^{1,2,3} |
|--|--------------------------------------|--|---|---|--|---|
| Sample Identification: | ROWT26 | ROWT27 | ROWT28 | ROWT29 | ROWT30 | CB53 |
| Sample Date: | 12/8/2004 | 12/8/2004 | 12/8/2004 | 12/8/2004 | 12/8/2004 | 3/16/2005 |
| Location Description: | Duplicate of SD25 | CB at SW Corner of S Sullivan St and 8th Ave S | CB at NE corner of S Sullivan St and 12th Ave S | CB at NW corner of S Cloverdale St and 12th Ave S | CB at SW corner of S Donovan St and 12th Ave S | CB at boat storage yard on Dallas Ave S |
| Sample Type: | Catch Basin | Catch Basin | Catch Basin | Catch Basin | Catch Basin | Catch Basin |
| Removed ^a : | No | No | No | No | No | Yes |
| Hexachlorobenzene | na | na | na | na | na | na |
| Hexachlorobutadiene | na | na | na | na | na | na |
| Hexachlorocyclopentadiene | na | na | na | na | na | na |
| Hexachloroethane | na | na | na | na | na | na |
| Isophorone | na | na | na | na | na | na |
| Nitrobenzene | na | na | na | na | na | na |
| N-Nitroso-di-n-Propylamine | na | na | na | na | na | na |
| N-Nitrosodiphenylamine | na | na | na | na | na | na |
| Pentachlorophenol | na | na | na | na | na | na |
| Phenol | na | na | na | na | na | na |
| Total Petroleum Hydrocarbons (mg/kg dw) | | | | | | |
| Diesel range hydrocarbons | 170 | 240 | 70 | 210 | 550 | na |
| Oil range hydrocarbons | 1,100 | 1,000 | 450 | 1,100 | 2,700 | na |
| Total petroleum hydrocarbons ^b | 1,300 | 1,200 | 520 | 1,300 | 3,300 | na |

ID = identification

J = estimated value

U = not detected (at the indicated reporting limit)

UJ = not detected (estimated reporting limit)

na - not analyzed or data not available

Data presented in this table are not depicted on the maps

a If yes, sample was removed as part of Interim Cleanup Actions in 2004 and 2005.

b Total petroleum hydrocarbons represents sum of diesel and oil ranges only.

¹ Data Source: Seattle Public Utilities, August 31, 2005 and October 19, 2005.

² Laboratory data has not been fully validated.

³ Aroclor 1260 was the only Aroclor detected in samples analyzed from the Adjacent Streets, with the following exceptions: Aroclor 1254 was detected at SD19 (0.043 mg/kg) and SD53 (2.4 mg/kg)

Table C.3-9. Adjacent Streets – Street Dust and Catch Basin Results

| Sample Location: | CB1-DAL | | CB2-DAL | | CB3-DAL | | CB1-DAL | | SW1-Tank | | |
|----------------------------------|--|---|--|---|--|---|--|---|--|---|--|
| Sample Identification: | CB1-DAL | | CB2-DAL | | CB3-DAL | | RCB101 | | SW1-Tank | | |
| Sample Date: | 3/22/2005 | | 3/22/2005 | | 3/22/2005 | | 3/14/2007 | | 2/25/2008 | | |
| Location Description: | CB at SW corner of Dallas Ave S and 17 Ave S | | CB at SW corner of Dallas Ave S and 17 Ave S | | CB at NE corner of Dallas Ave S and S Donovan St | | CB at SW corner of Dallas Ave S and 17 Ave S | | Stormwater holding tank at Dallas Ave S and S Donovan St | | |
| Sample Type: | Catch Basin | | Catch Basin | | Catch Basin | | Catch Basin | | Sediment | | |
| Removed ^a : | Yes | | Yes | | Yes | | Yes | | No | | |
| Metals (mg/kg dw) | | | | | | | | | | | |
| Arsenic | na | | na | | na | | 7.0 | U | 170 | U | |
| Copper | na | | na | | na | | 51 | | 472 | | |
| Lead | na | | na | | na | | 22 | | 450 | | |
| Mercury | na | | na | | na | | 0.050 | U | 0.080 | U | |
| Zinc | na | | na | | na | | 237 | | 1890 | | |
| PCBs (mg/kg dw) | | | | | | | | | | | |
| Aroclor-1016 | 0.77 | U | 1.0 | U | 0.52 | U | 0.098 | U | 0.038 | U | |
| Aroclor-1221 | 0.77 | U | 1.0 | U | 0.52 | U | 0.098 | U | 0.038 | U | |
| Aroclor-1232 | 0.77 | U | 1.0 | U | 0.52 | U | 0.098 | U | 0.038 | U | |
| Aroclor-1242 | 0.77 | U | 1.0 | U | 0.52 | U | 0.098 | U | 0.038 | U | |
| Aroclor-1248 | 0.77 | U | 1.0 | U | 0.52 | U | 0.098 | U | 0.038 | U | |
| Aroclor-1254 | 0.77 | U | 1.0 | U | 0.52 | U | 0.098 | U | 0.038 | U | |
| Aroclor-1260 | 23 | | 14 | | 3.9 | | 0.31 | | 0.35 | | |
| Total PCBs | 23 | | 14 | | 3.9 | | 0.31 | | 0.35 | | |
| Dioxins/Furans (ng/kg dw) | | | | | | | | | | | |
| 2,3,7,8-TCDD TEQ ng/kg dw | na | | na | | na | | na | | na | | |
| PAHs (mg/kg dw) | | | | | | | | | | | |
| 2-Methylnaphthalene | na | | na | | na | | 0.22 | U | 0.056 | U | |
| Acenaphthene | na | | na | | na | | 0.22 | U | 0.056 | U | |
| Acenaphthylene | na | | na | | na | | 0.22 | U | 0.056 | U | |
| Anthracene | na | | na | | na | | 0.22 | U | 0.056 | U | |
| Benzo(a)anthracene | na | | na | | na | | 0.22 | U | 0.063 | | |
| Benzo(a)pyrene | na | | na | | na | | 0.22 | U | 0.11 | | |
| Benzo(b)fluoranthene | na | | na | | na | | 0.22 | U | 0.16 | | |
| Benzo(g,h,i)perylene | na | | na | | na | | 0.22 | U | 0.069 | | |
| Benzo(k)fluoranthene | na | | na | | na | | 0.22 | U | 0.18 | | |
| Chrysene | na | | na | | na | | 0.31 | | 0.21 | | |
| Dibenz(a,h)anthracene | na | | na | | na | | 0.22 | U | 0.056 | U | |
| Fluoranthene | na | | na | | na | | 0.47 | | 0.27 | | |
| Fluorene | na | | na | | na | | 0.22 | U | 0.056 | U | |
| Indeno(1,2,3-cd)pyrene | na | | na | | na | | 0.22 | U | 0.056 | U | |
| Naphthalene | na | | na | | na | | 0.22 | U | 0.056 | U | |
| Phenanthrene | na | | na | | na | | 0.18 | J | 0.12 | | |
| Pyrene | na | | na | | na | | 0.38 | | 0.21 | | |
| Carcinogenic PAHs | na | | na | | na | | 0.20 | | 0.17 | | |
| Phthalates (mg/kg dw) | | | | | | | | | | | |
| Bis(2-ethylhexyl) phthalate | na | | na | | na | | 2.5 | | 6.2 | | |
| Butyl benzyl phthalate | na | | na | | na | | 0.92 | | 0.40 | | |

Revised EE/CA, Appendix C

June 3, 2010

Table C.3-9. Adjacent Streets – Street Dust and Catch Basin Results

| Sample Location: | CB1-DAL | CB2-DAL | CB3-DAL | CB1-DAL | SW1-Tank |
|-------------------------------|--|--|--|--|--|
| Sample Identification: | CB1-DAL | CB2-DAL | CB3-DAL | RCB101 | SW1-Tank |
| Sample Date: | 3/22/2005 | 3/22/2005 | 3/22/2005 | 3/14/2007 | 2/25/2008 |
| Location Description: | CB at SW corner of Dallas Ave S and 17 Ave S | CB at SW corner of Dallas Ave S and 17 Ave S | CB at NE corner of Dallas Ave S and S Donovan St | CB at SW corner of Dallas Ave S and 17 Ave S | Stormwater holding tank at Dallas Ave S and S Donovan St |
| Sample Type: | Catch Basin | Catch Basin | Catch Basin | Catch Basin | Sediment |
| Removed ^a : | Yes | Yes | Yes | Yes | No |
| Diethyl phthalate | na | na | na | 0.22 U | 0.056 U |
| Dimethyl phthalate | na | na | na | 0.22 U | 0.075 U |
| Di-n-butyl phthalate | na | na | na | 0.22 U | 0.056 U |
| Di-n-octyl phthalate | na | na | na | 0.12 J | 0.080 U |
| Other SVOCs (mg/kg dw) | | | | | |
| 1,2,4-Trichlorobenzene | na | na | na | 0.22 U | 0.056 U |
| 1,2-Dichlorobenzene | na | na | na | 0.22 U | 0.056 U |
| 1,3-Dichlorobenzene | na | na | na | 0.22 U | 0.056 U |
| 1,4-Dichlorobenzene | na | na | na | 0.22 U | 0.056 U |
| 2,2'-Oxybis(1-chloropropane) | na | na | na | 0.22 U | 0.056 U |
| 2,4,5-Trichlorophenol | na | na | na | 1.1 U | 0.28 U |
| 2,4,6-Trichlorophenol | na | na | na | 1.1 U | 0.28 U |
| 2,4-Dichlorophenol | na | na | na | 1.1 U | 0.28 U |
| 2,4-Dimethylphenol | na | na | na | 0.22 U | 0.056 U |
| 2,4-Dinitrophenol | na | na | na | 2.2 U | 0.56 U |
| 2,4-Dinitrotoluene | na | na | na | 1.1 U | 0.28 U |
| 2,6-Dinitrotoluene | na | na | na | 1.1 U | 0.28 U |
| 2-Chloronaphthalene | na | na | na | 0.22 U | 0.056 U |
| 2-Chlorophenol | na | na | na | 0.22 U | 0.056 U |
| 2-Methylphenol | na | na | na | 0.22 U | 0.056 U |
| 2-Nitroaniline | na | na | na | 1.1 U | 0.28 U |
| 2-Nitrophenol | na | na | na | 1.1 U | 0.28 U |
| 3,3'-Dichlorobenzidine | na | na | na | 1.1 U | 0.28 U |
| 3-Nitroaniline | na | na | na | 1.1 U | 0.28 U |
| 4,6-Dinitro-2-Methylphenol | na | na | na | 2.2 U | 0.56 U |
| 4-Bromophenyl-phenylether | na | na | na | 0.22 U | 0.056 U |
| 4-Chloro-3-methylphenol | na | na | na | 1.1 U | 0.28 U |
| 4-Chloroaniline | na | na | na | 1.1 U | 0.28 U |
| 4-Chlorophenyl-phenylether | na | na | na | 0.22 U | 0.056 U |
| 4-Methylphenol | na | na | na | 0.69 U | 0.062 U |
| 4-Nitroaniline | na | na | na | 1.1 U | 0.28 U |
| 4-Nitrophenol | na | na | na | 1.1 U | 0.28 U |
| Benzoic Acid | na | na | na | 2.2 U | 0.56 U |
| Benzyl Alcohol | na | na | na | 0.48 U | 0.056 U |
| Bis(2-Chloroethoxy) methane | na | na | na | 0.22 U | 0.056 U |
| Bis-(2-Chloroethyl) ether | na | na | na | 0.22 U | 0.056 U |
| Bis(2-chloroisopropyl)ether | na | na | na | na | na |
| Carbazole | na | na | na | 0.22 U | 0.056 U |
| Dibenzofuran | na | na | na | 0.22 U | 0.056 U |

Table C.3-9. Adjacent Streets – Street Dust and Catch Basin Results

| Sample Location: | CB1-DAL | CB2-DAL | CB3-DAL | CB1-DAL | SW1-Tank |
|--|--|--|--|--|--|
| Sample Identification: | CB1-DAL | CB2-DAL | CB3-DAL | RCB101 | SW1-Tank |
| Sample Date: | 3/22/2005 | 3/22/2005 | 3/22/2005 | 3/14/2007 | 2/25/2008 |
| Location Description: | CB at SW corner of Dallas Ave S and 17 Ave S | CB at SW corner of Dallas Ave S and 17 Ave S | CB at NE corner of Dallas Ave S and S Donovan St | CB at SW corner of Dallas Ave S and 17 Ave S | Stormwater holding tank at Dallas Ave S and S Donovan St |
| Sample Type: | Catch Basin | Catch Basin | Catch Basin | Catch Basin | Sediment |
| Removed ^a : | Yes | Yes | Yes | Yes | No |
| Hexachlorobenzene | na | na | na | 0.22 U | 0.056 U |
| Hexachlorobutadiene | na | na | na | 0.22 U | 0.056 U |
| Hexachlorocyclopentadiene | na | na | na | 1.1 U | 0.28 U |
| Hexachloroethane | na | na | na | 0.22 U | 0.056 U |
| Isophorone | na | na | na | 0.22 U | 0.056 U |
| Nitrobenzene | na | na | na | 0.22 U | 0.056 U |
| N-Nitroso-di-n-Propylamine | na | na | na | 1.1 U | 0.28 U |
| N-Nitrosodiphenylamine | na | na | na | 0.22 U | 0.056 U |
| Pentachlorophenol | na | na | na | 1.1 U | 0.28 U |
| Phenol | na | na | na | 0.22 U | 0.057 |
| Total Petroleum Hydrocarbons (mg/kg dw) | | | | | |
| Diesel range hydrocarbons | na | na | na | 730 U | na |
| Oil range hydrocarbons | na | na | na | 4,100 | na |
| Total petroleum hydrocarbons ^b | na | na | na | 4,100 | na |

ID = identification

J = estimated value

U = not detected (at the indicated reporting limit)

UJ = not detected (estimated reporting limit)

na - not analyzed or data not available

Data presented in this table are not depicted on the maps

a If yes, sample was removed as part of Interim Cleanup Actions in 2004 and 2005.

b Total petroleum hydrocarbons represents sum of diesel and oil ranges only.

¹ Data Source: Seattle Public Utilities, August 31, 2005 and October 19, 2005.

² Laboratory data has not been fully validated.

³ Aroclor 1260 was the only Aroclor detected in samples analyzed from the Adjacent Streets, with the following exceptions: Aroclor 1254 was detected at SD19 (0.043 mg/kg) and SD53 (2.4 mg/kg)

Table C.3-10. Adjacent Streets – Stormwater

| Date | Location | PCB Aroclors (ug/L) | | | | | | | | | | | To River? | | | |
|----------|----------------------|---------------------|------|------|------|------|------|------|-------|------|---|------|-----------|------|---|---|
| | | 1016 | 1221 | 1232 | 1242 | 1248 | 1254 | 1260 | T PCB | | | | | | | |
| 05/01/09 | Sewer MH | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | N |
| 03/03/09 | Sewer MH | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | N |
| 01/08/09 | Sewer MH | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | N |
| Dec-08 | No sample | | | | | | | | | | | | | | | Y |
| 11/13/08 | Sewer MH | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | N |
| 09/11/08 | Sewer MH | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | N |
| 06/02/08 | Sewer MH | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | N |
| 04/02/08 | Sewer MH | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | N |
| 02/14/08 | Sewer MH | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | N |
| 01/09/08 | Sewer MH | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.12 | U | 0.12 | U | Y |
| 12/03/07 | Sewer MH | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | Y |
| 11/12/07 | Sewer MH | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | N |
| 10/04/07 | Sewer MH | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | N |
| 07/20/07 | Sewer MH | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | N |
| 05/24/07 | Sewer MH | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | N |
| 04/30/07 | Sewer MH | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | N |
| 02/20/07 | Sewer MH | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | N |
| 01/03/07 | Sewer MH | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | Y |
| Dec-06 | No sample | | | | | | | | | | | | | | | Y |
| 11/02/06 | Sewer MH | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | Y |
| 09/19/06 | Tanks 2 and 3 | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | N |
| 06/01/06 | Tank 1 | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | N |
| 05/17/06 | Tank 3 | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | N |
| 04/12/06 | Tank 1 | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | N |
| 03/27/06 | Tank 3 | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | N |
| 03/01/06 | Tank 1 | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | N |
| 01/06/06 | Discharge to Port CB | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | Y |
| 12/21/05 | Tank 1 | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | Y |
| 11/14/05 | Tank | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | Y |
| 10/25/05 | Tank 5 | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | N |
| 09/12/05 | Tank 3 | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | N |
| 06/23/05 | Tank effluent | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | N |
| 05/20/05 | Tank effluent | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | N |
| 04/19/05 | Tank effluent | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | N |
| 03/27/05 | Tank effluent | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | N |
| 02/06/05 | Prior to treatment | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | N |
| 02/04/05 | Prior to treatment | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | N |
| 02/04/05 | After treatment | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | N |
| 02/04/05 | Basin Oil runoff | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | N |
| 01/24/05 | Prior to treatment | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.17 | U | 0.17 | U | N |
| 01/22/05 | Prior to treatment | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.15 | U | 0.15 | U | N |
| 01/22/05 | Basin Oil runoff | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | N |

Revised EE/CA, Appendix C

June 3, 2010

Table C.3-10. Adjacent Streets – Stormwater

| Date | Location | PCB Aroclors (ug/L) | | | | | | | | | | | | To River? | | |
|----------|--------------------|---------------------|---|-------|---|-------|---|-------|---|-------|---|-------|---|-----------|-------|-------|
| | | _1016 | | _1221 | | _1232 | | _1242 | | _1248 | | _1254 | | | _1260 | T_PCB |
| 01/20/05 | After treatment | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | N |
| 01/19/05 | After treatment | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | N |
| 01/17/05 | Prior to treatment | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.14 | U | 0.14 | U | N |
| 01/17/05 | Basin Oil runoff | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.38 | U | 0.38 | U | N |
| 01/10/05 | Prior to treatment | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 2.3 | U | 2.3 | U | N |
| 12/20/05 | After treatment | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | 0.10 | U | N |

Notes:

No entries = no discharge that month

Stormwater stored in (5) 18,000 gallon tanks at S Donovan St and 17th Ave S and discharged to combined sewer system on S Donovan St. Discharge to Duwamish

Waterway occurs only during large or long duration storms when tank capacity is exceeded.

Table C.3-11. Residential Yards – PCB Results

| Sample Location | Sample Identification | Location Description | Sample Date | Sample Depth (inches) | Removed ^a | Total PCB (mg/kg dw) ⁴ | Notes | Superseded by MIS |
|--|-----------------------|--|-------------|-----------------------|----------------------|-----------------------------------|-------|-------------------|
| Dallas Ave. S. - East of 16th Ave. S. | | | | | | | | |
| YC17a | YC17a-0.0-0.5 | 8603 Dallas Ave S, in boatyard | 8/20/2008 | 6 | No | 0.12 | 1 | -- |
| YC17b | YC17b-0.0-0.5 | 8603 Dallas Ave S, in boatyard | 8/20/2008 | 6 | No | 0.17 | 1 | -- |
| YC17c | YC17c-0.0-0.5 | 8603 Dallas Ave S, in boatyard | 8/20/2008 | 6 | No | 0.15 | 1,2 | -- |
| Dallas Ave. S. - West of 16th Ave. S. | | | | | | | | |
| YS1 | 8519-1 | 8519 Dallas Ave S (west side front yard) | 11/17/2004 | 2 | No | 0.097 | 3,4 | -- |
| YS1 | 8519-2 | 8519 Dallas Ave S (west side front yard) | 11/17/2004 | 4 | No | 0.087 | 3,4 | -- |
| YS2 | 8519-3 | 8519 Dallas Ave S (east side front yard) | 11/17/2004 | 2 | No | 0.091 | 3,4 | -- |
| YS2 | 8519-4 | 8519 Dallas Ave S (east side front yard) | 11/17/2004 | 4 | No | 0.086 | 3,4 | -- |
| YS3 | 8525-1 | 8525 Dallas Ave S (east side of house) | 11/17/2004 | 2 | No | 0.20 | 3,4 | DU02 |
| YS3 | 8525-2 | 8525 Dallas Ave S (east side of house) | 11/17/2004 | 4 | No | 0.22 | 3,4 | DU02 |
| YS4 | 8525-3 | 8525 Dallas Ave S (backyard by alley) | 11/17/2004 | 2 | No | 0.15 | 3,4 | DU02 |
| YS4 | 8525-4 | 8525 Dallas Ave S (backyard by alley) | 11/17/2004 | 4 | No | 0.14 | 3,4 | DU02 |
| YS5 | 8529-1 | 8529 Dallas Ave S (west of entry walk) | 11/17/2004 | 2 | No | 0.34 | 3,4 | DU10 |
| YS5 | 8529-2 | 8529 Dallas Ave S (west of entry walk) | 11/17/2004 | 4 | No | 0.34 | 3,4 | DU10 |
| YS6 | 8529-3 | 8529 Dallas Ave S (east of driveway) | 11/17/2004 | 2 | No | 0.13 | 3,4 | DU10 |
| YS6 | 8529-4 | 8529 Dallas Ave S (east of driveway) | 11/17/2004 | 4 | No | 0.18 | 3,4 | DU10 |
| YS7 | 8529-5 | 8529 Dallas Ave S (backyard) | 11/17/2004 | 2 | No | 0.15 | 3,4 | DU11 |
| YS8 | 1440-7 | 1440 S Cloverdale St (west end garden) | 11/17/2004 | 2 | No | 0.067 | U 3,4 | DU13 |
| YS8 | 1440-8 | 1440 S Cloverdale St (west end garden) | 11/17/2004 | 4 | No | 0.067 | U 3,4 | DU13 |
| YS9 | 1440-5 | 1440 S Cloverdale St (adj to pond) | 11/17/2004 | 2 | No | 0.43 | 3,4 | DU13 |
| YS9 | 1440-6 | 1440 S Cloverdale St (adj to pond) | 11/17/2004 | 4 | No | 0.20 | 3,4 | DU13 |
| YS15 | 8523-3 | 8523 Dallas Ave S (front yard) | 11/17/2004 | 2 | No | 0.22 | 3,4 | DU01 |
| YS15 | 8523-4 | 8523 Dallas Ave S (front yard) | 11/17/2004 | 4 | No | 0.11 | 3,4 | DU01 |
| YS16 | 8523-1 | 8523 Dallas Ave S (front yard) | 11/17/2004 | 2 | No | 0.12 | 3,4 | DU01 |
| YS16 | 8523-2 | 8523 Dallas Ave S (front yard) | 11/17/2004 | 4 | No | 0.097 | 3,4 | DU01 |
| YS20 | 1440-3 | 1440 S Cloverdale St (west end garden) | 10/27/2004 | 4 | No | 0.99 | 3,4 | DU13 |
| YS21 | 1440-4 | 1440 S Cloverdale St (east end garden) | 10/27/2004 | 4 | No | 0.17 | 3,4 | DU13 |
| YS22 | 1440-1 | 1440 S Cloverdale (next to sidewalk on Dallas Ave S) | 10/27/2004 | 1 | No | ND | 3,4 | DU13 |
| YS22 | 1440-2 | 1440 S Cloverdale (next to sidewalk on Dallas Ave S) | 10/27/2004 | 4 | No | ND | 3,4 | DU13 |
| YS14 | 8609-5 | 8609 17th Ave S (garden in backyard) | 11/17/2004 | 2 | No | 0.058 | U 3,4 | -- |
| YS29 | P7-0.5 | 8601 17th Ave S | 3/10/2005 | 6 | Yes | 2.9 | 3,4 | -- |
| YS29 | P7-1.0 | 8601 17th Ave S | 3/10/2005 | 12 | Yes | 0.32 | 3,4 | -- |
| YS30 | P8-0.5 | 8601 17th Ave S | 3/10/2005 | 6 | Yes | 0.026 | 3,4 | -- |
| YS30 | P8-1.0 | 8601 17th Ave S | 3/10/2005 | 12 | Yes | 0.031 | 3,4 | -- |
| YS31 | P9-0.5 | 8601 17th Ave S | 3/10/2005 | 6 | Yes | 0.13 | 3,4 | -- |
| YS31 | P9-1.0 | 8601 17th Ave S | 3/10/2005 | 12 | Yes | 0.020 | U 3,4 | -- |
| YS32 | P10-1.0 | 8601 17th Ave S | 3/10/2005 | 12 | Yes | 13 | 3,4 | -- |
| YS32 | P10-2.0 | 8601 17th Ave S | 3/10/2005 | 24 | Yes | 0.094 | 3,4 | -- |
| YS32 | P10-4.0 | 8601 17th Ave S | 3/10/2005 | 48 | Yes | 0.44 | 3,4 | -- |
| YS32 | P10-0.5 | 8601 17th Ave S | 3/10/2005 | 6 | Yes | 33 | 3,4 | -- |
| YS32 | P10-3.0 | 8601 17th Ave S | 3/10/2005 | 36 | Yes | 17 | 3,4 | -- |

Revised EE/CA, Appendix C

June 3, 2010

Table C.3-11. Residential Yards – PCB Results

| Sample Location | Sample Identification | Location Description | Sample Date | Sample Depth (inches) | Removed ^a | Total PCB (mg/kg dw) ⁴ | Notes | Superseded by MIS |
|---------------------|-----------------------|---|-------------|-----------------------|----------------------|-----------------------------------|-------|-------------------|
| YS33 | P11-0.5 | 8601 17th Ave S | 3/10/2005 | 6 | No | 0.11 | 3,4 | -- |
| YS34 | P12-0.5 | 8609 17th Ave S | 3/10/2005 | 6 | No | 0.12 | 3,4 | -- |
| YS35 | YS35-0.25 | 8603 16th Ave S--boat storage yd entrance | 4/28/2005 | 3 | Yes | 0.14 | 3,4 | -- |
| YS35 | YS35-1.0 | 8603 16th Ave S--boat storage yd entrance | 4/28/2005 | 12 | Yes | 1.6 | 3,4 | -- |
| YS36 | YS36-0.25 | 8603 16th Ave S--boat storage yd, NE quad | 4/28/2005 | 3 | Yes | 0.068 | 3,4 | -- |
| YS37 | YS37-0.25 | 8603 16th Ave S--boat storage yd, SE quad | 4/28/2005 | 3 | No | 0.33 | 2,3,4 | -- |
| YS37 | YS37-1.0 | 8603 16th Ave S--boat storage yd, SE quad | 4/28/2005 | 12 | No | 0.27 | 3,4 | -- |
| YS37 | YS38-1.0 | Duplicate of YS37-1.0 | 4/28/2005 | 12 | No | 0.26 | 3,4 | -- |
| YS39 | YS39-0.25 | 8603 16th Ave S--boat storage yd, SW quad | 4/28/2005 | 3 | No | 0.27 | 3,4 | -- |
| YS40 | YS40-0.25 | 8603 16th Ave S--boat storage yd, NW quad | 4/28/2005 | 3 | Yes | 1.7 | 3,4 | -- |
| YS40 | YS40-1.0 | 8603 16th Ave S--boat storage yd, NW quad | 4/28/2005 | 12 | Yes | 3.1 | 3,4 | -- |
| YS41 | YS41-0.25 | 8601 17th Ave S--side yd by garage | 4/28/2005 | 3 | Yes | 5.0 | 3,4 | -- |
| YS41 | YS41-1.0 | 8601 17th Ave S--side yd by garage | 4/28/2005 | 12 | Yes | 0.15 | 3,4 | -- |
| YS42 | YS42-0.25 | 8601 17th Ave S--side yd | 4/28/2005 | 3 | Yes | 4.4 | 3,4 | -- |
| 17th Ave. S. | | | | | | | | |
| YS17 | 8601-1 | 8601 17th Ave S (front yard) | 10/27/2004 | 1 | Yes | 1.0 | 3,4 | -- |
| YS17 | 8601-2 | 8601 17th Ave S (front yard) | 10/27/2004 | 4 | Yes | 1.0 | 3,4 | -- |
| YS18 | 8609-1 | 8609 17th Ave S (next to sump) | 10/27/2004 | 1 | Yes | 2.9 | 3,4 | -- |
| YS18 | 8609-2 | 8609 17th Ave S (next to sump) | 10/27/2004 | 4 | Yes | 1.8 | 3,4 | -- |
| YS19 | 8609-4 | 8609 17th Ave S (just north of sidewalk entrance) | 10/27/2004 | 4 | Yes | 0.53 | 3,4 | -- |
| YS19 | 8609-3 | 8609 17th Ave S (just north of sidewalk entrance) | 10/27/2004 | 1 | Yes | 0.85 | 3,4 | -- |
| YS23 | P1-0.5 | 8609 17th Ave S | 3/10/2005 | 6 | Yes | 0.32 | 3,4 | -- |
| YS23 | P1-1.0 | 8609 17th Ave S | 3/10/2005 | 12 | Yes | 1.9 | 3,4 | -- |
| YS23 | P1-2.0 | 8609 17th Ave S | 3/10/2005 | 24 | Yes | 0.74 | 3,4 | -- |
| YS23 | P1-3.0 | 8609 17th Ave S | 3/10/2005 | 36 | No | 0.38 | 3,4 | -- |
| YS24 | P2-1.0 | 8609 17th Ave S | 3/10/2005 | 12 | Yes | 0.052 | 3,4 | -- |
| YS24 | P2-0.5 | 8609 17th Ave S | 3/10/2005 | 6 | Yes | 0.30 | 3,4 | -- |
| YS25 | P3-0.5 | 8609 17th Ave S | 3/10/2005 | 6 | No | 0.29 | 3,4 | -- |
| YS25 | P3-1.0 | 8609 17th Ave S | 3/10/2005 | 12 | No | 0.021 J | 3,4 | -- |
| YS26 | P4-0.5 | 8609 17th Ave S | 3/10/2005 | 6 | Yes | 3.6 | 3,4 | -- |
| YS26 | P4-1.0 | 8609 17th Ave S | 3/10/2005 | 12 | Yes | 0.021 | 3,4 | -- |
| YS27 | P5-0.5 | 8609 17th Ave S | 3/10/2005 | 6 | Yes | 0.089 | 3,4 | -- |
| YS27 | P5-1.0 | 8609 17th Ave S | 3/10/2005 | 12 | Yes | 0.021 J | 3,4 | -- |
| YS28 | P6-0.5 | 8609 17th Ave S | 3/10/2005 | 6 | No | 0.34 | 3,4 | -- |
| YS28 | P6-1.0 | 8609 17th Ave S | 3/10/2005 | 12 | No | 0.018 J | 3,4 | -- |
| YS43 | YS43-1.0 | 8601 17th Ave S--front yd by walkway | 5/11/2005 | 12 | Yes | 0.25 | 3,4 | -- |
| YS43 | YS43-0.25 | 8601 17th Ave S--front yd by walkway | 4/28/2005 | 3 | Yes | 3.1 | 3,4 | -- |
| YS44 | YS44-0.25 | 8609 17th Ave S--driveway | 4/28/2005 | 3 | Yes | 13 J | 3,4 | -- |
| YS44 | YS44-1.0 | 8609 17th Ave S--driveway | 5/11/2005 | 12 | Yes | 0.32 | 3,4 | -- |
| YS45 | YS45-0.25 | 8609 17th Ave S--front yd by walkway | 4/28/2005 | 3 | Yes | 1.9 | 3,4 | -- |
| YS46 | YS46-0.25 | 8609 17th Ave S--side yard by tree | 4/28/2005 | 3 | Yes | 0.72 J | 3,4 | -- |
| YS46 | YS46-1.0 | 8609 17th Ave S--side yard by tree | 4/28/2005 | 12 | Yes | 0.46 | 3,4 | -- |

Revised EE/CA, Appendix C

June 3, 2010

Table C.3-11. Residential Yards – PCB Results

| Sample Location | Sample Identification | Location Description | Sample Date | Sample Depth (inches) | Removed ^a | Total PCB (mg/kg dw) ⁴ | Notes | Superseded by MIS |
|--------------------------|-----------------------|---|-------------|-----------------------|----------------------|-----------------------------------|-------|-------------------|
| YS46 | YS47-1.0 | Duplicate of YS46-1.0 | 4/28/2005 | 12 | Yes | 0.50 | 3,4 | -- |
| YS48 | YS48-0.25 | 8601 17th Ave S--backyard | 5/11/2005 | 3 | Yes | 1.1 | 3,4,5 | -- |
| YS48 | YS48-1.0 | 8601 17th Ave S--backyard | 5/11/2005 | 12 | Yes | 0.070 | 3,4,5 | -- |
| YS49 | YS49-0.25 | 8601 17th Ave S--backyard | 5/11/2005 | 3 | No | 0.41 | 3,4,5 | -- |
| YS50 | YS50-0.25 | 8609 17th Ave S--driveway | 5/11/2005 | 3 | Yes | 11 | 3,4,5 | -- |
| YS51 | YS51-0.25 | 8609 17th Ave--side yard | 5/11/2005 | 3 | No | 0.34 | 3,4,5 | -- |
| YS52 | YS52-0.25 | 8603 16th Ave S--boat storage yd, 15'-4" from NE corner | 5/20/2005 | 3 | No | 0.44 | 3,4,5 | -- |
| YS52 | YS52-1.0 | 8603 16th Ave S--boat storage yd, 15'-4" from NE corner | 5/20/2005 | 12 | No | 0.88 | 3,4,5 | -- |
| YS53 | YS53-0.25 | 8603 16th Ave S--boat storage yd, same as YS53, 15' off | 5/20/2005 | 3 | No | 0.12 | 3,4,5 | -- |
| YS54 | YS54-0.25 | 8603 16th Ave S--boat storage yd, 50' S of NW corner | 5/20/2005 | 3 | No | 0.31 | 3,4,5 | -- |
| YS54 | YS54-1.0 | 8603 16th Ave S--boat storage yd, 50' S of NW corner | 5/20/2005 | 12 | No | 0.16 | 3,4,5 | -- |
| YS55 | YS55-0.25 | 8603 16th Ave S--boat storage yd, 85' S of NW corner | 5/20/2005 | 3 | No | 0.082 | 3,4,5 | -- |
| YS55 | YS55-1.0 | 8603 16th Ave S--boat storage yd, 85' S of NW corner | 5/20/2005 | 12 | No | 0.11 | 3,4,5 | -- |
| YS56 | YS56-0.25 | 8603 16th Ave S--boat storage yd, 75' S of NW corner, 15' | 5/20/2005 | 3 | No | 0.040 | 3,4,5 | -- |
| YS57 | YS57-0.25 | 8601 17th Ave S--backyard, W of sidewalk | 5/20/2005 | 3 | No | 0.42 | 3,4,5 | -- |
| 16th Ave. S. | | | | | | | | |
| HA1 | HA1-0.0-1.0 | 16th Avenue S, immediately south of intersection with South | 8/21/2008 | 12 | No | 0.18 | 1 | DU13 |
| YC18a | YC18a-0.1-0.5 | Vegetated area immediately south of boatyard at 8603 Dallas | 8/20/2008 | 6 | No | 0.26 | 1 | -- |
| YC18b | YC18b-0.1-0.5 | Vegetated area immediately south of boatyard at 8603 Dallas | 8/20/2008 | 6 | No | 0.14 | 1 | -- |
| YC18c | YC18c-0.1-0.5 | Vegetated area immediately south of boatyard at 8603 Dallas | 8/20/2008 | 6 | No | 0.12 | 1 | -- |
| S. Cloverdale St. | | | | | | | | |
| YS10 | 1417-1 | 1417 S Cloverdale St (front yard) | 11/17/2004 | 2 | No | 0.088 | 3,4 | DU37 |
| YS11 | 1417-2 | 1417 S Cloverdale St (garden in backyard) | 11/17/2004 | 2 | No | 0.15 | 3,4 | -- |
| YS12 | 1412-1 | 1412 S Donovan St (garden in front yard) | 11/17/2004 | 2 | No | 0.073 | 3,4 | DU26 |
| YS13 | 1412-2 | 1412 S Donovan St (garden in backyard) | 11/17/2004 | 2 | No | 0.083 | 3,4 | -- |
| YC06a | YC06a-0.2-0.5 | 1440 S Cloverdale St (front yard) | 8/21/2008 | 6 | No | 0.61 | U 1 | DU14 |
| YC06a | YC06a-0.2-0.5DUP | Field split of YC06a-0.2-0.5 | 8/21/2008 | 6 | No | 0.59 | U 1 | DU14 |
| YC06c | YC06c-0.1-0.5 | 1440 S Cloverdale St (front yard) | 8/21/2008 | 6 | No | 0.64 | U 1 | DU14 |
| YC07a | YC07a-0.1-0.5 | 8529 Dallas Ave S (backyard facing S Cloverdale St) | 8/21/2008 | 6 | No | 0.20 | 1 | DU11 |
| YC07b | YC07b-0.1-0.5 | 8529 Dallas Ave S (backyard facing S Cloverdale St) | 8/21/2008 | 6 | No | 0.27 | 1 | DU11 |
| YC08a | YC08a-0.2-0.5 | 1424 S Cloverdale St (front yard) | 8/26/2008 | 6 | No | 0.018 | 1 | DU09 |
| YC08a | YC08a-0.2-0.5DUP | Field split of YC08a-0.2-0.5 | 8/26/2008 | 6 | No | 0.020 | 1 | DU09 |
| YC08a | YC08a-0.5-1.0 | 1424 S Cloverdale St (front yard) | 8/26/2008 | 12 | No | 0.12 | 1 | DU09 |
| YC08b | YC08b-0.2-0.5 | 1424 S Cloverdale St (front yard) | 8/26/2008 | 6 | No | 2.9 | 1 | DU09 |
| YC08b | YC08b-0.5-1.0 | 1424 S Cloverdale St (front yard) | 8/26/2008 | 12 | No | 1.1 | 1 | DU09 |
| YC09a | YC09a-0.1-0.5 | 1420 S Cloverdale St (front yard) | 8/22/2008 | 6 | No | 0.13 | 1 | DU07 |
| YC09b | YC09b-0.1-0.5 | 1420 S Cloverdale St (front yard) | 8/22/2008 | 6 | No | 0.19 | 1 | DU07 |
| YC10a | YC10a-0.2-0.5 | 1412 S Cloverdale St (front yard) | 8/25/2008 | 6 | No | 0.34 | 1 | DU05 |
| YC10a | YC10a-0.2-0.5DUP | Field split of YC10a-0.2-0.5 | 8/25/2008 | 6 | No | 0.33 | 1 | DU05 |
| YC10b | YC10b-0.2-0.5 | 1412 S Cloverdale St (front yard) | 8/25/2008 | 6 | No | 0.19 | 1 | DU05 |

Revised EE/CA, Appendix C

June 3, 2010

Lower Duwamish Waterway Superfund Site:
T-117 Early Action Area

Streets and Yards Table 11 - PCBs_Yards-Pts

3 of 4

Table C.3-11. Residential Yards – PCB Results

| Sample Location | Sample Identification | Location Description | Sample Date | Sample Depth (inches) | Removed ^a | Total PCB (mg/kg dw) ⁴ | Notes | Superseded by MIS |
|-----------------|-----------------------|-----------------------------------|-------------|-----------------------|----------------------|-----------------------------------|----------------|-------------------|
| YC11a | YC11a-0.2-0.5 | 1410 S Cloverdale St (front yard) | 8/25/2008 | 6 | No | 1.5 | ¹ | DU03 |
| YC11b | YC11b-0.2-0.5 | 1410 S Cloverdale St (front yard) | 8/25/2008 | 6 | No | 0.46 | ¹ | DU03 |
| YC12a | YC12a-0.1-0.5 | 1417 S Cloverdale St (front yard) | 8/26/2008 | 6 | No | 0.13 | ¹ | DU37 |
| YC12a | YC12a-0.1-0.5DUP | Field split of YC12a-0.1-0.5 | 8/26/2008 | 6 | No | 0.11 | ¹ | DU37 |
| YC13a | YC13a-0.0-0.5 | 1421 S Cloverdale St (front yard) | 8/25/2008 | 6 | No | 0.16 | ¹ | DU36 |
| YC13b | YC13b-0.0-0.5 | 1421 S Cloverdale St (front yard) | 8/25/2008 | 6 | No | 0.17 | ¹ | DU36 |
| YC14a | YC14a-0.1-0.5 | 1425 S Cloverdale St (front yard) | 8/22/2008 | 6 | No | 0.20 | ¹ | DU35 |
| YC14b | YC14b-0.1-0.5 | 1425 S Cloverdale St (front yard) | 8/22/2008 | 6 | No | 0.44 | ^{1,2} | DU35 |
| YC15a | YC15a-0.0-0.5 | 1429 S Cloverdale St (front yard) | 8/25/2008 | 6 | No | 0.19 | ¹ | DU34 |
| YC15c | YC15c-0.0-0.5 | 1429 S Cloverdale St (front yard) | 8/25/2008 | 6 | No | 0.19 | ¹ | DU34 |
| YC16c | YC16c-0.0-0.5 | 1445 S Cloverdale St (front yard) | 8/20/2008 | 6 | No | 0.13 | U ¹ | DU33 |
| YC16b | YC16b-0.1-0.5 | 1445 S Cloverdale St (front yard) | 8/20/2008 | 6 | No | 0.43 | U ¹ | DU33 |

J - estimated value

PCB - polychlorinated biphenyl

U - not detected at the reported limit shown

^a If yes, sample was removed as part of Interim Cleanup Actions in 2004 and 2005.

Notes:

¹ Data Source: Windward and Integral 2009. Dioxin investigation and PCB sediment removal boundary delineation data report (final), Terminal 117, Seattle, Washington. May 8, 2009. Prepared for the Port of Seattle and the City of Seattle. Windward Environmental.

² Aroclor 1260 was the only Aroclor detected in samples analyzed from the Yards, with the following exceptions: Aroclor 1254 was detected in samples YC14b-0.1-0.5 (0.18 mg/kg), YC17c-0.0-0.5 (0.068 mg/kg), YS37-0.25 (0.18 mg/kg).

³ Data Source: Seattle Public Utilities, August 31, 2005 and October 19, 2005.

⁴ Laboratory data has not been fully validated.

⁵ Sample locations not shown on report figures.

Sample

TP = Test Pit

P = Direct Push

Y = Yard Sample

RW & AS = Surface Grab Sample

Table C.3-12. Residential Yards – PCB MIS Results

| Sample Location | Sample Identification | Location Description | Sample Date | Sample Depth (inches) | Total PCBs (mg/kg dw) | Notes |
|--|-----------------------|--|-------------|-----------------------|-----------------------|----------------|
| Dallas Ave. S. - West of 16th Ave. S. | | | | | | |
| DU01 | DU01-0.0-0.2 | 8523 Dallas Ave S | 4/20/2009 | 2 | 0.74 | ¹ |
| DU01 | DU01-0.2-0.5 | 8523 Dallas Ave S | 4/20/2009 | 6 | 0.43 | ¹ |
| DU01 | DU51-0.0-0.2 | 8523 Dallas Ave S | 7/31/2009 | 2 | 1.1 | ^{1,2} |
| DU01 | DU51-0.2-0.5 | 8523 Dallas Ave S | 7/31/2009 | 6 | 0.47 | ¹ |
| DU01 | DU61-0.0-0.2 | 8523 Dallas Ave S | 7/31/2009 | 2 | 1.1 | ^{1,2} |
| DU01 | DU61-0.2-0.5 | 8523 Dallas Ave S | 7/31/2009 | 6 | 0.50 | ¹ |
| DU02 | DU02-0.0-0.2 | 8525 Dallas Ave S | 4/21/2009 | 2 | 0.48 | ¹ |
| DU02 | DU02-0.2-0.5 | 8525 Dallas Ave S | 4/21/2009 | 6 | 0.34 | ¹ |
| DU10 | DU10-0.0-0.2 | 8529 Dallas Ave S | 4/23/2009 | 2 | 0.38 | ¹ |
| DU10 | DU10-0.2-0.5 | 8529 Dallas Ave S | 4/23/2009 | 6 | 0.22 | ¹ |
| DU11 | DU11-0.0-0.2 | 8529 Dallas Ave S | 4/24/2009 | 2 | 0.14 | ¹ |
| DU11 | DU11-0.0-0.2-LDUP | Laboratory-generated MIS split of DU11-0.0-0.2 | 4/24/2009 | 2 | 0.14 | ¹ |
| DU11 | DU11-0.2-0.5 | 8529 Dallas Ave S | 4/24/2009 | 6 | 0.16 | ¹ |
| DU11 | DU11-0.2-0.5-LDUP | Laboratory-generated MIS split of DU11-0.2-0.5 | 4/24/2009 | 6 | 0.14 | ¹ |
| DU12 | DU12-0.0-0.2 | 8529 Dallas Ave S | 4/24/2009 | 2 | 0.37 | ¹ |
| DU12 | DU12-0.2-0.5 | 8529 Dallas Ave S | 4/24/2009 | 6 | 0.36 | ¹ |
| S. Cloverdale St. | | | | | | |
| DU03 | DU03-0.0-0.2 | 1410 S Cloverdale St | 4/21/2009 | 2 | 0.18 | ^{1,2} |
| DU03 | DU03-0.0-0.2-LDUP | Laboratory-generated MIS split of DU03-0.0-0.2 | 4/21/2009 | 2 | 0.23 | ^{1,2} |
| DU03 | DU03-0.2-0.5 | 1410 S Cloverdale St | 4/21/2009 | 6 | 0.99 | ^{1,2} |
| DU03 | DU03-0.2-0.5-LDUP | Laboratory-generated MIS split of DU03-0.2-0.5 | 4/21/2009 | 6 | 0.89 | ^{1,2} |
| DU04 | DU04-0.0-0.2 | 1412 S Cloverdale St | 4/21/2009 | 2 | 0.13 | ¹ |
| DU04 | DU04-0.2-0.5 | 1412 S Cloverdale St | 4/21/2009 | 6 | 0.10 | ¹ |
| DU04 | DU04-0.2-0.5-LDUP | Laboratory-generated MIS split of DU04-0.2-0.5 | 4/21/2009 | 6 | 0.12 | ¹ |
| DU05 | DU05-0.0-0.2 | 1412 S Cloverdale St | 4/29/2009 | 2 | 0.20 | ¹ |
| DU05 | DU05-0.2-0.5 | 1412 S Cloverdale St | 4/29/2009 | 6 | 0.16 | ¹ |
| DU06 | DU06-0.0-0.2 | 1420 S Cloverdale St | 4/23/2009 | 2 | 0.054 | ¹ |
| DU06 | DU06-0.2-0.5 | 1420 S Cloverdale St | 4/24/2009 | 6 | 0.078 | ¹ |
| DU07 | DU07-0.0-0.2 | 1420 S Cloverdale St | 4/23/2009 | 2 | 0.16 | ¹ |
| DU07 | DU07-0.2-0.5 | 1420 S Cloverdale St | 4/23/2009 | 6 | 0.18 | ¹ |
| DU08 | DU08-0.0-0.2 | 1424 S Cloverdale St | 4/20/2009 | 2 | 0.053 | ¹ |
| DU08 | DU08-0.2-0.5 | 1424 S Cloverdale St | 4/20/2009 | 6 | 0.048 | ¹ |
| DU09 | DU09-0.0-0.2 | 1424 S Cloverdale St | 4/20/2009 | 2 | 0.14 | ¹ |
| DU09 | DU09-0.2-0.5 | 1424 S Cloverdale St | 4/20/2009 | 6 | 0.16 | ¹ |
| DU13 | DU13-0.0-0.2 | 1440 S Cloverdale St | 4/22/2009 | 2 | 0.39 | ¹ |
| DU13 | DU13-0.2-0.5 | 1440 S Cloverdale St | 4/22/2009 | 6 | 0.30 | ¹ |

Revised EE/CA, Appendix C

June 3, 2010

Table C.3-12. Residential Yards – PCB MIS Results

| Sample Location | Sample Identification | Location Description | Sample Date | Sample Depth (inches) | Total PCBs (mg/kg dw) | Notes |
|-----------------------|-----------------------|--|-------------|-----------------------|-----------------------|----------------|
| DU14 | DU14-0.0-0.2 | 1440 S Cloverdale St | 4/22/2009 | 2 | 0.73 | ¹ |
| DU14 | DU14-0.2-0.5 | 1440 S Cloverdale St | 4/22/2009 | 6 | 0.17 | ¹ |
| DU14 | DU64-0.0-0.2 | 1440 S Cloverdale St | 4/22/2009 | 2 | 0.91 | ¹ |
| DU14 | DU64-0.2-0.5 | 1440 S Cloverdale St | 4/22/2009 | 6 | 0.18 | ¹ |
| DU14 | DU74-0.0-0.2 | 1440 S Cloverdale St | 4/22/2009 | 2 | 1.2 | ¹ |
| DU14 | DU74-0.2-0.5 | 1440 S Cloverdale St | 4/22/2009 | 6 | 0.19 | ¹ |
| DU32 | DU32-0.0-0.2 | 1445 S Cloverdale St | 8/5/2009 | 2 | 2.1 | ¹ |
| DU32 | DU32-0.2-0.5 | 1445 S Cloverdale St | 8/5/2009 | 6 | 1.4 | ¹ |
| DU33 | DU33-0.0-0.2 | 1445 S Cloverdale St | 7/24/2009 | 2 | 0.59 | ¹ |
| DU33 | DU33-0.2-0.5 | 1445 S Cloverdale St | 7/24/2009 | 6 | 0.17 | ¹ |
| DU33 | DU83-0.0-0.2 | 1445 S Cloverdale St | 7/24/2009 | 2 | 0.68 | ¹ |
| DU33 | DU83-0.2-0.5 | 1445 S Cloverdale St | 7/24/2009 | 6 | 0.14 | ¹ |
| DU33 | DU93-0.0-0.2 | 1445 S Cloverdale St | 7/27/2009 | 2 | 0.30 | ¹ |
| DU33 | DU93-0.2-0.5 | 1445 S Cloverdale St | 7/27/2009 | 6 | 0.10 | ¹ |
| DU34 | DU34-0.0-0.2 | 1429 S Cloverdale St | 7/31/2009 | 2 | 0.24 | ¹ |
| DU34 | DU34-0.0-0.2-LDUP | Laboratory-generated MIS split of DU34-0.0-0.2 | 7/31/2009 | 2 | 0.25 | ¹ |
| DU34 | DU34-0.2-0.5 | 1429 S Cloverdale St | 7/31/2009 | 6 | 0.40 | ¹ |
| DU34 | DU34-0.2-0.5-LDUP | Laboratory-generated MIS split of DU34-0.2-0.5 | 7/31/2009 | 6 | 0.32 | ¹ |
| DU35 | DU35-0.0-0.2 | 1425 S Cloverdale St | 7/20/2009 | 2 | 0.84 | ¹ |
| DU35 | DU35-0.2-0.5 | 1425 S Cloverdale St | 7/20/2009 | 6 | 1.7 | ^{1,2} |
| DU36 | DU36-0.0-0.2 | 1421 S Cloverdale St | 7/20/2009 | 2 | 0.18 | ¹ |
| DU36 | DU36-0.2-0.5 | 1421 S Cloverdale St | 7/20/2009 | 6 | 0.17 | ¹ |
| DU37 | DU37-0.0-0.2 | 1417 S Cloverdale St | 7/20/2009 | 2 | 0.18 | ¹ |
| DU37 | DU37-0.2-0.5 | 1417 S Cloverdale St | 7/20/2009 | 6 | 0.14 | ¹ |
| S. Donovan St. | | | | | | |
| DU22 | DU22-0.0-0.2 | 1442, 1446, 1450 S Donovan St. | 8/5/2009 | 2 | 0.045 | ¹ |
| DU22 | DU22-0.0-0.2-LDUP | Laboratory-generated MIS split of DU22-0.0-0.2 | 8/5/2009 | 2 | 0.043 | ¹ |
| DU22 | DU22-0.2-0.5 | 1442, 1446, 1450 S Donovan St. | 8/5/2009 | 6 | 0.072 | ¹ |
| DU22 | DU22-0.2-0.5-LDUP | Laboratory-generated MIS split of DU22-0.2-0.5 | 8/5/2009 | 6 | 0.076 | ¹ |
| DU23 | DU23-0.0-0.2 | 1430 S Donovan St | 7/22/2009 | 2 | 0.62 | ¹ |
| DU23 | DU23-0.2-0.5 | 1430 S Donovan St | 7/22/2009 | 6 | 0.16 | ¹ |
| DU23 | DU173-0.0-0.2 | 1430 S Donovan St | 7/23/2009 | 2 | 0.78 | ¹ |
| DU23 | DU173-0.2-0.5 | 1430 S Donovan St | 7/23/2009 | 6 | 0.25 | ¹ |
| DU23 | DU183-0.0-0.2 | 1430 S Donovan St | 7/22/2009 | 2 | 0.89 | ¹ |
| DU23 | DU183-0.2-0.5 | 1430 S Donovan St | 7/22/2009 | 6 | 0.32 | ¹ |
| DU24 | DU24-0.0-0.2 | 1426 S Donovan St | 8/3/2009 | 2 | 0.060 | ¹ |
| DU24 | DU24-0.2-0.5 | 1426 S Donovan St | 8/3/2009 | 6 | 0.079 | ¹ |

Revised EE/CA, Appendix C

June 3, 2010

Table C.3-12. Residential Yards – PCB MIS Results

| Sample Location | Sample Identification | Location Description | Sample Date | Sample Depth (inches) | Total PCBs (mg/kg dw) | Notes |
|-----------------|-----------------------|----------------------|-------------|-----------------------|-----------------------|----------------|
| DU25 | DU25-0.0-0.2 | 1418 S Donovan St | 8/3/2009 | 2 | 0.81 | ^{1,2} |
| DU25 | DU25-0.2-0.5 | 1418 S Donovan St | 8/3/2009 | 6 | 0.80 | ^{1,2} |
| DU26 | DU26-0.0-0.2 | 1412 S Donovan St | 8/3/2009 | 2 | 0.13 | ¹ |
| DU26 | DU26-0.2-0.5 | 1412 S Donovan St | 8/3/2009 | 6 | 0.14 | ¹ |

Notes:

LDUP - laboratory duplicate sample

MIS - multi-incremental sample

PCBs - Polychlorinated biphenyls

¹ Data Source: Integral 2009. PCB boundary refinement data report (draft), Terminal 117, Seattle, Washington. October 22, 2009. Prepared for the Port of Seattle and the City of Seattle. Integral Consulting Inc., Seattle, WA.

² Aroclor 1260 was the only Aroclor detected in samples analyzed from the Yards, with the exception of these samples footnoted. Aroclor 1254 was detected in samples DU51-0.0-0.2 (0.15 mg/kg), DU61-0.0-0.2 (0.17 mg/kg), DU03-0.0-0.2 (0.098 mg/kg), DU03-0.0-0.2LDUP (0.14 mg/kg), DU03-0.2-0.5 (0.99 mg/kg), DU03-0.2-0.5LDUP (0.89 mg/kg) DU25-0.0-0.2 (0.31 mg/kg), DU25-0.2-0.5 (0.33 mg/kg), and DU35-0.0-0.2 (1.3 mg/kg).

Table C.3-13. Residential Yard – Dioxin TEQ Results

| Sample Location | Sample Identification | Location Description | Sample Date | Sample Depth (inches) | Removed ^a | Dioxin TEQ (ng/kg dw) ¹ | Notes | Superseded by MIS |
|--|-----------------------|---|-------------|-----------------------|----------------------|------------------------------------|-------|-------------------|
| Dallas Ave. S. - West of 16th Ave. S. | | | | | | | | |
| HA1 | HA1-0.0-1.0 | 16th Avenue S, immediately south of | 8/21/2008 | 12 | No | 11.5 | J | DU13 |
| YC02abc | YC02-0.0-0.5 | 8523 Dallas Ave S | 8/22/2008 | 6 | No | 27.1 | J | DU01 |
| YC03abc | YC03-0.0-0.5 | 8525 Dallas Ave S | 8/25/2008 | 6 | No | 50.0 | J | DU02 |
| YC04abc | YC04-0.0-0.5 | 8529 Dallas Ave S | 8/21/2008 | 6 | No | 22.0 | J | DU10 |
| YC05abc | YC05-0.0-0.5 | 1440 S Cloverdale St (back yard) | 8/21/2008 | 6 | No | 12.4 | J | DU13 |
| YC07abc | YC07-0.0-0.5 | 8529 Dallas Ave S | 8/21/2008 | 6 | No | 27.9 | J | DU11, DU12 |
| YC17abc | YC17-0.0-0.5 | 8603 Dallas Ave S, in boatyard | 8/20/2008 | 6 | No | 6.42 | J | -- |
| 17th Ave. S. | | | | | | | | |
| YC19abc | YC19-0.0-0.5 | 8601 17th Ave S | 8/18/2008 | 6 | No | 11.8 | J | -- |
| YC20abc | YC20-0.0-0.5 | 8609 17th Ave S | 8/18/2008 | 6 | No | 7.88 | J | -- |
| 16th Ave. S. | | | | | | | | |
| YC18abc | YC18-0.0-0.5 | Vegetated area immediately S of boatyard at 8603 Dallas Ave S | 8/20/2008 | 6 | No | 6.60 | J | -- |
| S. Cloverdale St. | | | | | | | | |
| YC06abc | YC06-0.0-0.5 | 1440 S Cloverdale St (front yard) | 8/21/2008 | 6 | No | 18.6 | J | DU14 |
| YC08a | YC08a-0.2-0.5 | 1424 S Cloverdale St (front yard) | 8/26/2008 | 6 | No | 1.81 | J | DU09 |
| YC08a | YC08a-0.2-0.5DUP | Field split of YC08a-0.2-0.5 | 8/26/2008 | 6 | No | 2.99 | J | DU09 |
| YC08b | YC08b-0.2-0.5 | 1424 S Cloverdale St (front yard) | 8/26/2008 | 6 | No | 14.4 | J | DU09 |
| YC08abc | YC08-0.0-0.5 | 1424 S Cloverdale St | 8/26/2008 | 6 | No | 395 | J | DU09 |
| YC09abc | YC09-0.0-0.5 | 1420 S Cloverdale St | 8/22/2008 | 6 | No | 12.5 | J | DU07 |
| YC10abc | YC10-0.0-0.5 | 1412 S Cloverdale St | 8/25/2008 | 6 | No | 15.6 | J | DU05 |
| YC11abc | YC11-0.0-0.5 | 1410 S Cloverdale St | 8/25/2008 | 6 | No | 6.32 | J | DU03 |
| YC12abc | YC12-0.0-0.5 | 1417 S Cloverdale St | 8/26/2008 | 6 | No | 16.0 | J | -- |
| YC13abc | YC13-0.0-0.5 | 1421 S Cloverdale St | 8/25/2008 | 6 | No | 11.5 | J | -- |
| YC14abc | YC14-0.0-0.5 | 1425 S Cloverdale St | 8/22/2008 | 6 | No | 13.4 | J | -- |
| YC15abc | YC15-0.0-0.5 | 1429 S Cloverdale St | 8/25/2008 | 6 | No | 8.63 | J | -- |
| YC16abc | YC16-0.0-0.5 | 1445 S Cloverdale St | 8/20/2008 | 6 | No | 4.69 | J | -- |

J - estimated value

TEQ - 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity equivalency quotient

Bold values indicate concentrations that exceed the MTCA Method A screening criteria for unrestricted land use (1 mg/kg dw).

^a If yes, sample was removed as part of Interim Cleanup Actions in 2004 and 2005.

Notes:

¹ Data Source: Windward and Integral 2009. Dioxin investigation and PCB sediment removal boundary delineation data report (final), Terminal 117, Seattle, Washington. May 8, 2009. Prepared for the Port of Seattle and the City of Seattle. Windward Environmental, Seattle, WA.

Sample Types:

HA = Hand

P = Direct Push

Y = Yard Sample

Table C.3-14. Residential Yards – Dioxin TEQ MIS Results

| Sample Location ^a | Sample Identification | Location Description | Sample Date | Sample Depth (inches) | Dioxin TEQ (ng/kg dw) | Notes |
|--|-----------------------|--|-------------|-----------------------|-----------------------|--------------|
| Dallas Ave. S. - West of 16th Ave. S. | | | | | | |
| DU01 | DU01-0.0-0.2 | 8523 Dallas Ave S | 4/20/2009 | 2 | 50.1 | ¹ |
| DU01 | DU01-0.2-0.5 | 8523 Dallas Ave S | 4/20/2009 | 6 | 38.2 | ¹ |
| DU02 | DU02-0.0-0.2 | 8525 Dallas Ave S | 4/21/2009 | 2 | 30.6 | ¹ |
| DU02 | DU02-0.2-0.5 | 8525 Dallas Ave S | 4/21/2009 | 6 | 27.3 | ¹ |
| DU10 | DU10-0.0-0.2 | 8529 Dallas Ave S | 4/23/2009 | 2 | 22.1 | ¹ |
| DU10 | DU10-0.2-0.5 | 8529 Dallas Ave S | 4/23/2009 | 6 | 17.8 | ¹ |
| DU11 | DU11-0.0-0.2 | 8529 Dallas Ave S | 4/24/2009 | 2 | 23.0 | ¹ |
| DU11 | DU11-0.0-0.2-LDUP | Laboratory-generated MIS split of DU11-0.0-0.2 | 4/24/2009 | 2 | 16.9 | ¹ |
| DU12 | DU12-0.0-0.2 | 8529 Dallas Ave S | 4/24/2009 | 2 | 11.2 | ¹ |
| DU12 | DU12-0.2-0.5 | 8529 Dallas Ave S | 4/24/2009 | 6 | 12.1 | ¹ |
| S. Cloverdale St. | | | | | | |
| DU03 | DU03-0.0-0.2 | 1410 S Cloverdale St | 4/21/2009 | 2 | 9.10 | ¹ |
| DU03 | DU03-0.2-0.5 | 1410 S Cloverdale St | 4/21/2009 | 6 | 15.6 | ¹ |
| DU03 | DU03-0.2-0.5-LDUP | Laboratory-generated MIS split of DU03-0.2-0.5 | 4/21/2009 | 6 | 11.2 | ¹ |
| DU05 | DU05-0.0-0.2 | 1412 S Cloverdale St | 4/29/2009 | 2 | 23.9 | ¹ |
| DU05 | DU05-0.2-0.5 | 1412 S Cloverdale St | 4/29/2009 | 6 | 23.2 | ¹ |
| DU07 | DU07-0.0-0.2 | 1420 S Cloverdale St | 4/23/2009 | 2 | 22.7 | ¹ |
| DU07 | DU07-0.2-0.5 | 1420 S Cloverdale St | 4/23/2009 | 6 | 20.6 | ¹ |
| DU09 | DU09-0.0-0.2 | 1424 S Cloverdale St | 4/20/2009 | 2 | 17.4 | ¹ |
| DU13 | DU13-0.0-0.2 | 1440 S Cloverdale St | 4/22/2009 | 2 | 26.7 | ¹ |
| DU13 | DU13-0.2-0.5 | 1440 S Cloverdale St | 4/22/2009 | 6 | 28.1 | ¹ |
| DU14 | DU14-0.0-0.2 | 1440 S Cloverdale St | 4/22/2009 | 2 | 30.4 | ¹ |
| DU14 | DU64-0.0-0.2 | 1440 S Cloverdale St | 4/22/2009 | 2 | 29.4 | ¹ |
| DU14 | DU74-0.0-0.2 | 1440 S Cloverdale St | 4/22/2009 | 2 | 31.5 | ¹ |
| DU14 | DU74-0.2-0.5 | 1440 S Cloverdale St | 4/22/2009 | 6 | 15.5 | ¹ |

Notes:

LDUP - laboratory duplicate sample

MIS - multi-incremental sample

TEQ - 2,3,7,8-tetrachlorodibenzo-p-dioxin toxicity equivalency quotient

^a Soils from these locations were not removed as part of Interim Cleanup Actions in 2004 and 2005.

¹ Ecology. 2009. T117 dioxin TEQs (email from Piper Peterson-Lee, EPA, to T-117 stakeholders). August 26, 2009.