

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Sample Identification	Location Description	Sample Date	Sample Depth (inches)	Removed ^a	Total PCB (mg/kg dw) ⁴	Notes	Superseded by MIS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	--

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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	--

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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	--

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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	--

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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	--

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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	--

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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	--

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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	DU67-0.2-0.5	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

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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
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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
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

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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

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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

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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

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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

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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

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

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

3
4
06
Between and S n St

7 Early

3

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	

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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

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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
Copper	94	na	na	na	na	na
Lead	31 J	na	na	na	na	na
Mercury	0.060	na	na	na	na	na
Zinc	152 J	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	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

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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

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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

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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

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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

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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	

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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

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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	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	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	0.10	U	0.14		0.14		N
01/17/05	Basin Oil runoff	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.38		0.38		N
01/10/05	Prior to treatment	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	2.3		2.3		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	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	--

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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	--

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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

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

Streets and Yards Table 11 - PCBs_Yards-Pts

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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

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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

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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.