Appendix A

Memorandum on Diver and Bathymetric Surveys, 2009

ANCHOR QEA

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MEMORANDUM

To:	Jenée Colton, King County	**Date:**	May 20, 2010
From:	David Gillingham, Anchor QEA Clay Patmont, Anchor QEA	**Project:**	020067-01
Re:	Duwamish/Diagonal Sediment Remediation: 2009 ENR Physical Monitoring		

BACKGROUND

The Duwamish/Diagonal Enhanced Natural Recovery (ENR) remediation was performed in February 2005 to address surface sediment residuals identified following the 2003/2004 Duwamish/Diagonal dredging project, as specified in the *Duwamish/Diagonal Interim Action Residual Remedy Proposal* (KCDNRP 2005). The ENR remedy included placement of a thin layer of clean sand material to a minimum thickness of 6 inches over an identified 4-acre area (Figure 1) of dredging residuals, in order to reduce surface sediment contaminant concentrations and accelerate the overall natural recovery timeframe in this area. The design called for placing 7,100 tons of sand—providing an average thickness of 9 inches— to help ensure that the entire 4-acre ENR area would receive at least the required minimum 6 inches of cover material (KCDNRP 2007a).

King County subsequently performed post-construction physical measurements in April 2006 to verify the placed thickness of the ENR layer during the first year following construction (KCDNRP 2007b). At that time, approximately 1 to 4 inches of silt had accumulated on the surface of the ENR sand layer, and there was a notable increase in near-surface bioturbation depths across the silt/sand interface. Based on diver probing surveys (using the resistance observed when advancing an aluminum yard stick through the underlying sand), the estimated ENR sand layer cap thickness ranged between 9 and 14 inches.

This memorandum describes the April 2009 physical monitoring activities of the ENR remediation area. The following monitoring elements are presented in later sections:

- Bathymetric surveys of the larger Duwamish/Diagonal remediation area (i.e., including capped and ENR areas) and comparisons with the 2004 post-construction as-built survey
- Diver probe surveys to estimate the thicknesses of surface silt accumulations and the underlying ENR sand layer
- Submerged video monitoring along transects perpendicular to shore through the larger Duwamish/Diagonal remediation area

This memorandum also briefly describes monitoring results.

BATHYMETRIC SURVEY

The bathymetric survey was completed on April 16, 2009, by Blue Water Engineering Services, Inc., and was conducted with survey equipment (Sound-Odom Hydrotrac single beam survey grade depth sounder) that meets or exceeds the requirements and accuracy for U.S. Army Corps of Engineers Class 1 surveys (COE 1994). The bathymetric survey vessel was equipped with a differential global positioning system (DGPS) capable of plus or minus 3 feet (1 meter) linear horizontal resolution and a high-resolution depth sounder with a vertical accuracy of plus or minus 6 inches (0.15 meters). The tracklines used by the survey vessel to collect the 2009 bathymetric data were the same as those used for the 2004 as-built bathymetric survey, depicted in Figure 2. An isopach map comparing the two surveys and presenting observed changes in bathymetry between 2004 and 2009 are depicted in Figure 3. Changes in bathymetry are indicated in Figure 3 using various colors for different accretion or erosion rates over this period.

Overall, nearly all of the larger Duwamish/Diagonal remediation area exhibited accretion (i.e., deposition of new material) over the 5-year period following completion of the ENR remedy. The downstream end of the remediation area (within and adjacent to the Area A cap) generally exhibited a net accretion of 0 to 18 inches over the 5-year period, while the upstream end of the area (within and adjacent to the ENR area and Area B cap) generally exhibited a net accretion of 12 to 24 inches. It should be noted that approximately 6 inches

of additional cap material was placed in the 4-acre ENR area after the 2004 as-built bathymetric survey was performed. Therefore, the accretion depicted in the area to the west and upstream of Area B is biased high.

Except for the offshore federal navigation channel, only isolated areas of the larger Duwamish/Diagonal remediation area exhibited net erosion between 2004 and 2009. A net erosion of approximately 0 to 12 inches was observed in several areas of the navigation channel, but this channel area is located offshore of the identified remediation area. Additionally, two relatively small intertidal and/or shallow subtidal areas—one located near the storm drain outfall and one inshore of the upstream portion of the ENR cap area—exhibited more than 12 inches of net erosion from 2004 to 2009. These apparent erosion areas were localized.

DIVER PROBE AND VIDEO SURVEYS

Divers from Research Support Services (RSS) performed ENR sand layer thickness measurements at the 11 previously established monitoring stations (Figure 1) and also recorded submerged video along transects in Areas A and B and in the ENR area (Figure 2). Diver probe and video surveys were completed from April 7 through April 9, 2009.

Using methods equivalent to those used in 2006 (KCDNRP 2007b), diver probing surveys were performed based on the resistance observed when advancing an aluminum yard stick through the underlying sand. Sample locations were acquired using differential global positioning system (DGPS) coordinates and each location was marked using a weighted float line that the diver used to locate the survey stations. Using the yard stick, the diver performed several thickness measurements of the recently deposited silt layer on the surface of the sand at each sample location. The diver then pushed the yardstick into the underlying sand layer, and by using the sound and resistance of the sand on the yardstick, developed estimates of sand thickness at several locations at each sample location. Probe results of silt and sand layer thickness were transmitted to the surface using underwater communication equipment. Table 1 summarizes the estimated thickness of overlying silt and the estimated ENR sand layer at each sampling location.

During the 2009 survey, approximately 1 to 8 inches (mean equals 5.3 inches) of silt were observed on the surface of the ENR sand layer, while the estimated thickness of the underlying sand layer cap ranged between 5 and 10 inches (mean equals 7.5 inches). In general, the surface silt layer thickness increased from 2006 to 2009, while the thickness of the underlying ENR sand layer exhibited an apparent minor decrease over this same 3-year period. These results are consistent with deposition and bioturbation processes as originally anticipated in the ENR area (KCDNRP 2007a).

Because visibility was limited during the surveys, few detailed visual observations were performed of the area surrounding each sample location. The divers, however, reported that the surface at each location was generally smooth and flat and that the silt surface was generally very soft. The divers did note an apparent spud hole filled with silt near station DUD-7SP, located near the western edge of the federal navigation channel near a barge storage area. During the March 10, 2006, survey, a spud hole 2 feet wide and 2 feet deep was observed inshore near station DUD-14SP. This spud hole was not observed during the current survey and has likely filled in with depositional material. No other visual observations were reported.

Table 1
Estimated 2009 Silt and Sand Layer Thickness Estimates

Sample Location	Overlying Silt Thickness (inches)	Estimated Sand Layer Thickness (inches)
3SP	5.0	7.0
4SP	4.0	8.0
5SP	3.0	7.5
6SP	3.6	7.4
7SP	7.6	7.4
14SP	7.25	7.25
15SP	6.0	8.3
24SP	5.6	6.4
26SP	1.25	8.4
27SP	7.0	5.3
28SP	7.5	9.5

At the request of King County, divers performed video surveys to observe the surface condition of the cap in Areas A and B, as well as the surface of the ENR area. Nine transects were videotaped (Figure 2). Starting locations were marked with a marker buoy at an agreed-upon coordinate at the shoreward edge of each area. Coordinates at the starting point for each transect are listed in Table 2. Divers entered the water at the marker buoy and used a compass to establish transects perpendicular to the shore and out into the navigation channel, following the approximate lines shown in Figure 2. Divers spooled out 300-foot fiberglass measuring tapes prior to shooting video footage to provide a distance reference along each transect. All transects, with the exception of T4, were videotaped from inshore to offshore. T4 was initiated at the Year 1 Monitoring location 2A (Figure 2) and was extended parallel to shore in front of the Duwamish combined sewer overflow (CSO) outfall downstream to approximately the location of the Year 1 Monitoring location 1A. Three DVDs with recorded video footage accompany this memorandum.

Table 2
Video Transect Starting Coordinates

Transect Number	Northing	Easting
T1	209424	1266929
T2	209295	1267056
T3	209147	1267097
T4	208902	1267139
T5	208675	1267114
T6	208522	1267163
T7	208368	1267212
T8	208203	1267265
T9	208099	1267299

Notes:
Datum: North American Datum (NAD) 83, State Plane, Washington North Zone, US Survey Feet

The video survey generally indicated that surface sediments throughout the Duwamish/Diagonal cap area consists of at least several inches of fine, soft, silty material overlying the sand and gravel cap material. The inshore segment of T7 showed only a dusting of silt over large gravel material, but beginning at the toe of the slope near the federal navigation channel shifts to a predominantly silt surface. Some areas offshore of T1

and T2 showed only a dusting of soft silt over sand material. Surface sediments along T3 near the Diagonal storm drain outfall contained more detritus than the other transects. Irregularities in the bottom were not visible from the video surveys.

Additional yardstick probes were attempted by the divers at the request of King County at locations along transects T5 and T6 in the Area B cap. Probes were attempted approximately 50 feet offshore along T5 (between Year 1 monitoring stations 2B and 3B) and approximately 120 feet offshore along T6 (near Year 1 monitoring station 1B). The divers noted between 8 and 13 inches of silt material at these locations but were unable to probe the cap material below the silt due to the larger size of cap material at these locations. Similarly, probes were attempted in the Area A cap corresponding approximately to the Year 1 monitoring stations 1A and 2A. At station 1A, the divers measured approximately 8 inches of silt over a sand layer approximately 5 to 6 inches thick. The diver measured approximately 9 inches of silt at station 2A but was unable to probe the cap due to larger cap material.

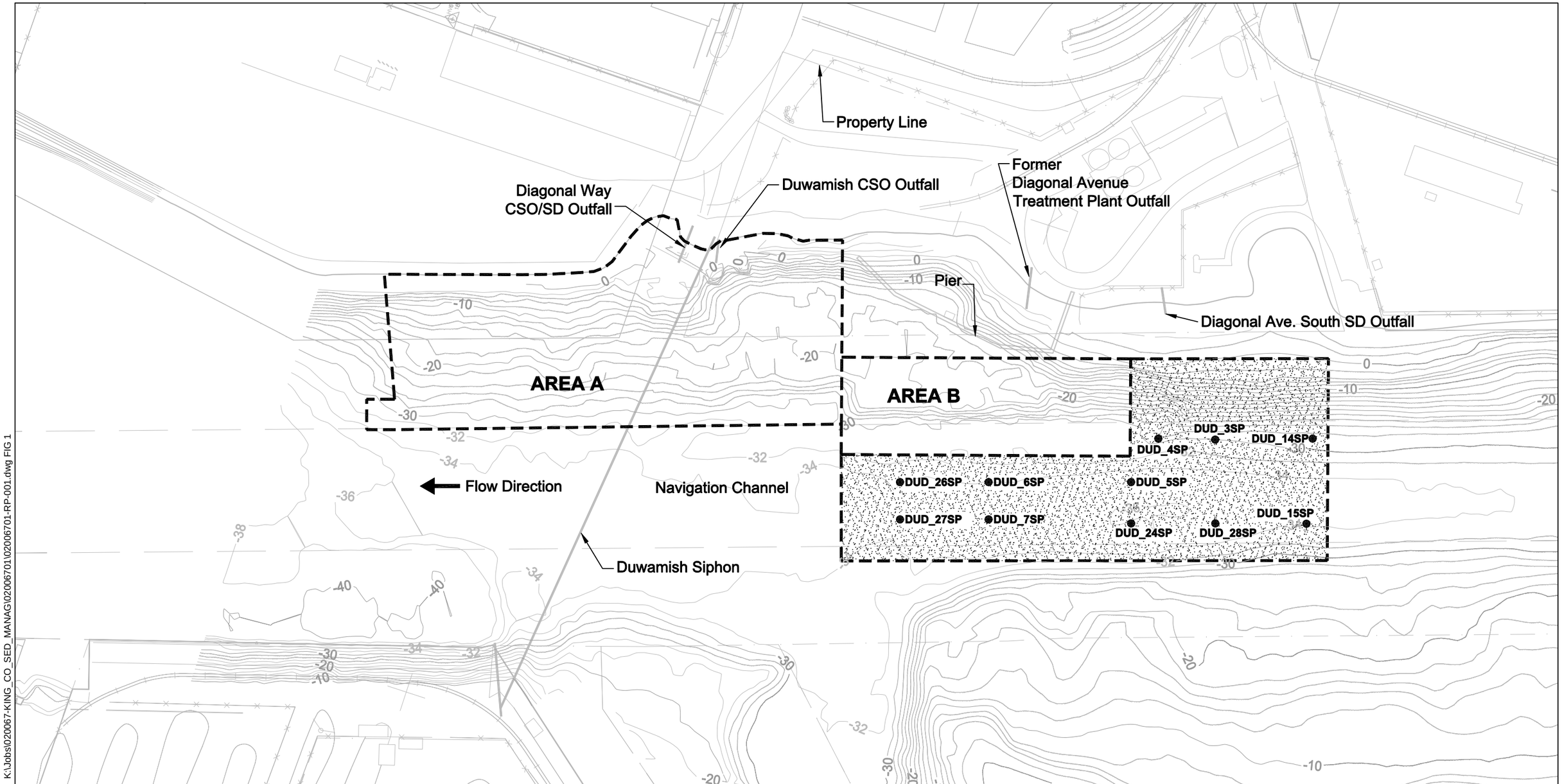
REFERENCES

King County Department of Natural Resources and Parks (KCDNRP). 2005. *Duwamish/Diagonal Interim Action Residual Remedy Proposal*. Memorandum to Washington Department of Ecology. Dated January 21, 2005. Seattle, Washington.

KCDNRP. 2007a. *Duwamish/Diagonal Sediment Remediation Project 4-Acre Residuals Interim Action Closure Report*. Prepared by Anchor Environmental, LLC, for KCDNRP, Wastewater Treatment Division. Seattle, Washington. February 2007.

KCDNRP. 2007b. *Duwamish/Diagonal Sediment Remediation Project 2006 Monitoring Report*. Prepared by Anchor Environmental, LLC, for KCDNRP, Wastewater Treatment Division. Seattle, Washington. February 2007.

U.S. Army Corps of Engineers (COE). 1994. Engineering and Design Hydrographic Surveying, Manual No. 1110-2-1003. Department of the Army. Washington, D.C.



DUD_3SP ● Sand Layer Thickness Measurement Locations

—— -10 —— Bathymetry Elevation Contours in Feet (2-Foot Interval)

7,100 Tons of Base Cap placed evenly in this location

Notes:
1. Topography/Basemap provided by the Port of Seattle (1994). This data is to be used for visual reference only.
2. Bathymetric contours created by Anchor Environmental from BWE (March 2004), Miller (March 2004), and David Evans (August 2003) surveys referenced to MLLW (NOS).
3. Horizontal Datum: SP NAD83 WA N.

0 160
Scale in Feet

K:\Jobs\020067-KING_CO_SED_MANAG\02006701\02006701-RP-001.dwg FIG 1
Apr 12, 2009 3:39pm cdavidson

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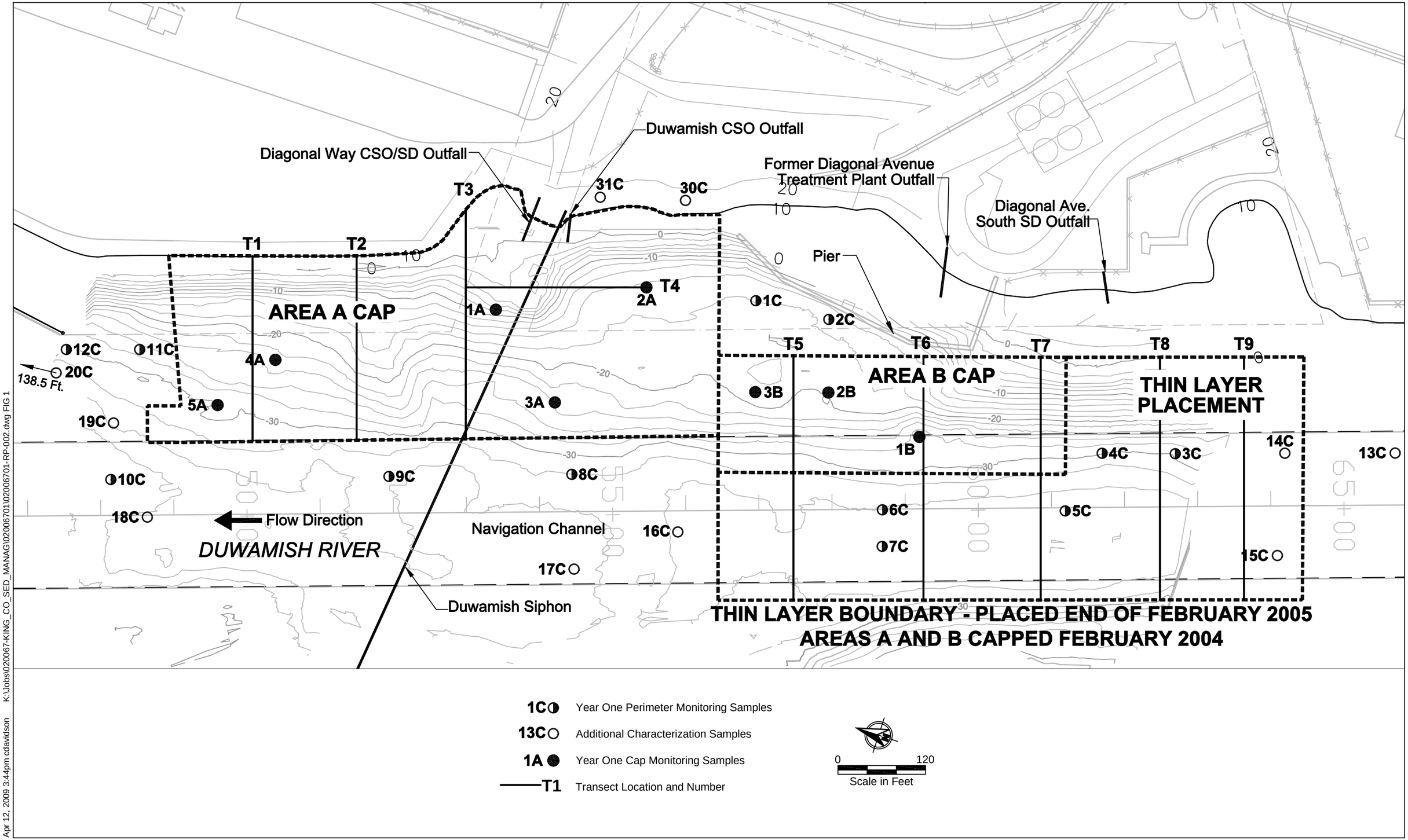
Figure 1
2009 Sand Layer Thickness Sample Locations
Duwamish/Diagonal Sediment Remediation Project
Seattle, Washington



Apr 12, 2009 3:44pm cdavidson K:\Jobs\020067-KING_CO_SED_MANAG\02006701\02006701-RP-002.dwg FIG 1

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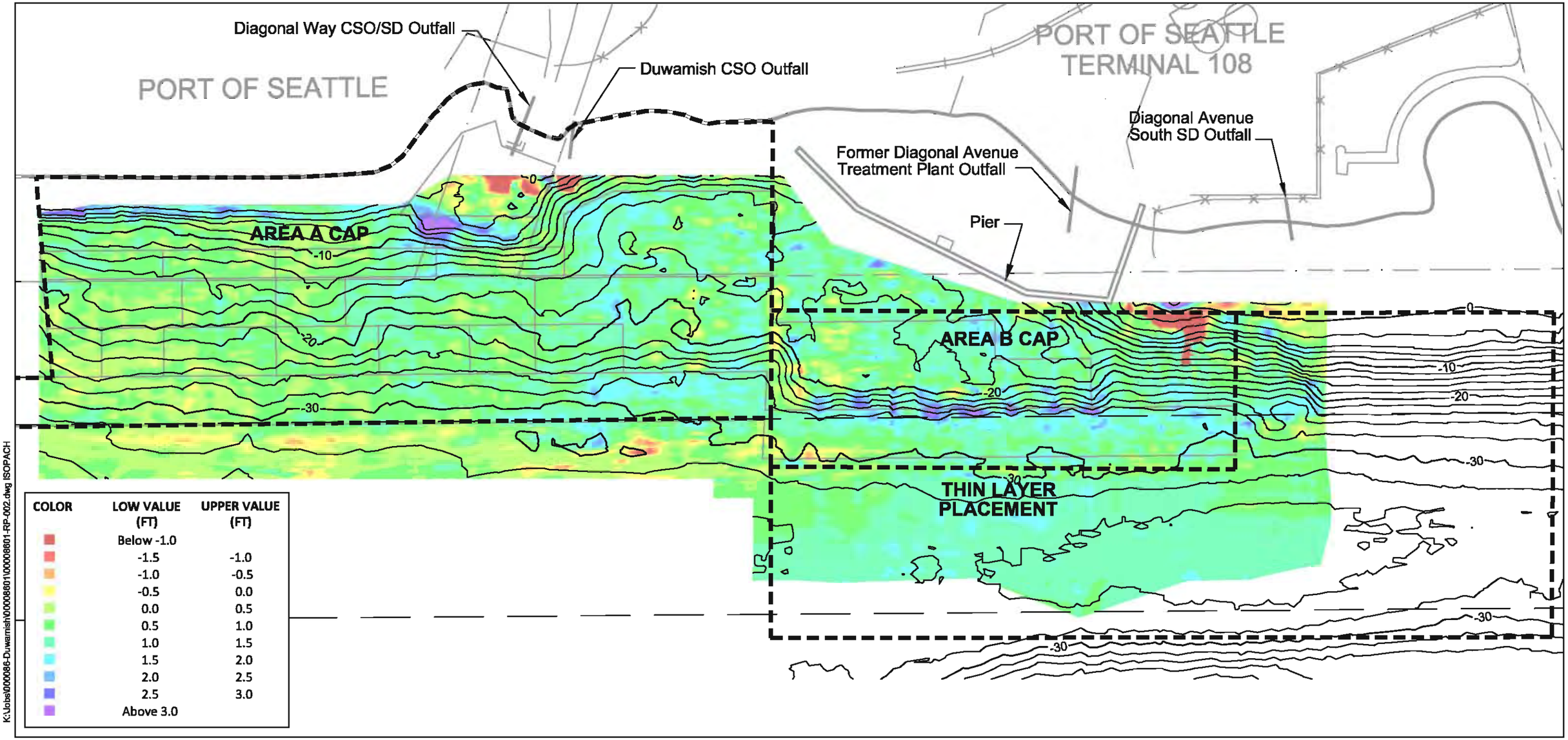
Figure 2
2009 Video Transect Locations
Duwamish/Diagonal Sediment Remediation Project
Seattle, Washington



K:\Jobs\000086-Duwamish\000008601\000008601-RP-002.dwg ISOPACH

Sep 03, 2009 1:54pm dholmer

SOURCE: Drawing based on surveys by Blue Water Engineering (BWE) dated March 3, 2004 and April 23, 2009.
HORIZONTAL DATUM: Washington State Plane North, NAD83 (US Survey Feet).
VERTICAL DATUM: Mean Lower Low Water (MLLW).

NOTES:
1. Bathymetric contours are from BWE survey dated April 23, 2009. Contour interval 2 feet.
2. The 2004 bathymetry was recorded prior to placement of the Thin Layer Cap in the ENR areas. Therefore accretion results from 2009 bathymetry comparisons are biased high.

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0 100
Scale in Feet

Figure 3
Isopach Map of 2004 vs. 2009 Surveys
Duwamish Diagonal
Sediment Remediation Project

Appendix B

QA1 Quality Assurance Review Package

Appendix B1 – Sediment Cap 2008

Appendix B2 – Sediment Cap 2009

Appendix B3 – ENR 2008

Appendix B4 – ENR 2009

Appendix B5 – Perimeter Station 2008

Appendix B6 – Perimeter Station 2009

This appendix may be found on the King County Website
or
On separately available CD

Appendix C

Complete Sediment Chemistry Analytical Results

Appendix C1 – Sediment Cap 2008

Appendix C2 – Sediment Cap 2009

Appendix C3 – ENR 2008

Appendix C4 – ENR 2009

Appendix C5 – Perimeter Station 2008

Appendix C6 – Perimeter Station 2009

Appendix C1 – Sediment Cap 2008

King County Environmental Lab Analytical Report

PROJECT: 423062-100-4

Locator:	DUD_1A	DUD_2A	DUD_3A	DUD_4A
Descrip:	CLEANUP AREA A MON	CLEANUP AREA A MON	CLEANUP AREA A MON	CLEANUP AREA A MON
Sampled:	03/24/08 9:35:00 AM	03/24/08 9:50:00 AM	03/24/08 10:08:00 AM	03/24/08 10:22:00 AM
Lab ID:	L45304-1	L45304-2	L45304-3	L45304-4
Matrix:	SALTWTRSED	SALTWTRSED	SALTWTRSED	SALTWTRSED
% Solids:	77.1	41.4	47.4	63.8

Parameters	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
			- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis		
COMBINED LABS																				
M=CV ASTM D422(318V1)																				
Clay *	1.2	E	0.61	1.21	%	20.4	E	1.1	2.27	%	27.3	E	1	2.1	%	10.6	E	0.76	1.52	%
Dry Weight Factor	1.6					5.5					4.4					2.4				
Fines *	1.8		0.61	1.21	%	73.6		1.1	2.27	%	75.6		1	2.1	%	27.3		0.76	1.52	%
Gravel *	8.3		0.12	1.21	%	1.1		0.23	2.27	%		<MDL	0.21	2.1	%	2.9		0.15	1.52	%
p+0.00 *	27.8		0.12	1.21	%	0.8	<RDL	0.23	2.27	%	0.2	<RDL	0.21	2.1	%	1.8		0.15	1.52	%
p+1.00 *	42.1		0.12	1.21	%	1.2		0.23	2.27	%	0.4	<RDL	0.21	2.1	%	5.1		0.15	1.52	%
p+10.0(equal/more than) *	1.2		0.61	1.21	%	15.9		1.1	2.27	%	16.8		1	2.1	%	9.1		0.76	1.52	%
p+2.00 *	17.9		0.12	1.21	%	2.6		0.23	2.27	%	4		0.21	2.1	%	23.6		0.15	1.52	%
p+3.00 *	0.6	<RDL	0.12	1.21	%	5.4		0.23	2.27	%	8.5		0.21	2.1	%	29.1		0.15	1.52	%
p+4.00 *		<MDL	0.12	1.21	%	8.4		0.23	2.27	%	6.3		0.21	2.1	%	7.9		0.15	1.52	%
p+5.00 *	0.6	<RDL	0.61	1.21	%	5.7		1.1	2.27	%	4.2		1	2.1	%	4.6		0.76	1.52	%
p+6.00 *		<MDL	0.61	1.21	%	22.7		1.1	2.27	%	17.8		1	2.1	%	3		0.76	1.52	%
p+7.00 *		<MDL	0.61	1.21	%	18.1		1.1	2.27	%	15.7		1	2.1	%	5.3		0.76	1.52	%
p+8.00 *		<MDL	0.61	1.21	%	6.8		1.1	2.27	%	10.5		1	2.1	%	3.8		0.76	1.52	%
p+9.00 *		<MDL	0.61	1.21	%	4.5		1.1	2.27	%	10.5		1	2.1	%	1.5		0.76	1.52	%
p-1.00 *	6.5		0.12	1.21	%	0.3	<RDL	0.23	2.27	%		<MDL	0.21	2.1	%	1.1		0.15	1.52	%
p-2.00 *	0.5	<RDL	0.12	1.21	%		<MDL	0.23	2.27	%		<MDL	0.21	2.1	%		<MDL	0.15	1.52	%
p-2.00(less than) *	1.4		0.12	1.21	%	0.8	<RDL	0.23	2.27	%		<MDL	0.21	2.1	%	1.8		0.15	1.52	%
Sand *	88.4		0.12	1.21	%	18.4		0.23	2.27	%	19.3		0.21	2.1	%	67.5		0.15	1.52	%
Silt *	0.6	<RDL,E	0.61	1.21	%	53.2	E	1.1	2.27	%	48.3	E	1	2.1	%	16.7	E	0.76	1.52	%
M=CV EPA 9060-PSEP96(337V3)																				
Total Organic Carbon	3550		990	1970	mg/Kg	36000		3100	6090	mg/Kg	21700		4000	8120	mg/Kg	14500		1000	2010	mg/Kg
M=CV SM2540-G (307V3)																				
Total Solids *	77.1		0.005	0.01	%	41.4		0.005	0.01	%	47.4		0.005	0.01	%	63.8		0.005	0.01	%
M=ES NONE																				
Field Personnel	SH,BK,JB				none	SH,BK,JB				none	SH,BK,JB				none	SH,BK,JB				none
Sampcoordx1 *	1267049				ft	1267137				ft	1266952				ft	1266886				ft
Sampcoordx2 *	1267049				ft	1267143				ft	1266951				ft	1266886				ft
Sampcoordx3 *	1267053				ft															
Sampcoordy1 *	209095				ft	208907				ft	208975				ft	209354				ft
Sampcoordy2 *	209089				ft	208902				ft	208970				ft	209359				ft
Sampcoordy3 *	209096				ft															
Sample Depth *	5				m	7				m	9				m	7				m
Sample Function																				
Sample Information																				
Sampling Method *	20042				none	20042				none	20042				none	20042				none
Sediment Sampling Depth *	10				cm	12				cm	11				cm	10				cm
Sediment Sampling Range *	0-9 cm				cm	0-10 cm				cm	0-10 cm				cm	0-9 cm				cm
Sediment Type	34S16				none	21D37				none	21N21				none	23S21				none
Tidal Condition	E				none	E				none	E				none	E				none
Tide Height *	8				ft	7				ft	7				ft	6				ft
M=MT CVAA EPA 7471B (604V4)																				
Mercury, Total, CVAA	0.027	<RDL,E	0.0065	0.0649	mg/Kg	0.209	E	0.012	0.119	mg/Kg	0.194	E	0.01	0.101	mg/Kg	0.116	E	0.0077	0.0763	mg/Kg
M=MT ICP EPA3050B/6010C MOD(612V3)																				
Aluminum, Total, ICP	8960		6.5	32.4	mg/Kg	22800		12	59.9	mg/Kg	24100		11	52.5	mg/Kg	14300		7.8	38.9	mg/Kg

King County Environmental Lab Analytical Report

PROJECT: 423062-100-4

Locator:	DUD_1A					Locator:	DUD_2A				Locator:	DUD_3A				Locator:	DUD_4A			
Descrip:	CLEANUP AREA A MON					Descrip:	CLEANUP AREA A MON				Descrip:	CLEANUP AREA A MON				Descrip:	CLEANUP AREA A MON			
Sampled:	03/24/08 9:35:00 AM					Sampled:	03/24/08 9:50:00 AM				Sampled:	03/24/08 10:08:00 AM				Sampled:	03/24/08 10:22:00 AM			
Lab ID:	L45304-1					Lab ID:	L45304-2				Lab ID:	L45304-3				Lab ID:	L45304-4			
Matrix:	SALTWTRSED					Matrix:	SALTWTRSED				Matrix:	SALTWTRSED				Matrix:	SALTWTRSED			
% Solids:	77.1					% Solids:	41.4				% Solids:	47.4				% Solids:	63.8			
Parameters	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
		- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis			
COMBINED LABS																				
Antimony, Total, ICP		<MDL,G	0.97	4.86	mg/Kg		<MDL,G	1.8	9.01	mg/Kg		<MDL,G	1.6	7.89	mg/Kg		<MDL,G	1.2	5.83	mg/Kg
Arsenic, Total, ICP	3.4	<RDL	1.6	8.11	mg/Kg	16.4		2.9	15	mg/Kg	13.7		2.5	13.1	mg/Kg	7.4	<RDL	1.9	9.73	mg/Kg
Beryllium, Total, ICP	0.14	<RDL	0.065	0.324	mg/Kg	0.48	<RDL	0.12	0.599	mg/Kg	0.51	<RDL	0.11	0.525	mg/Kg	0.27	<RDL	0.078	0.389	mg/Kg
Cadmium, Total, ICP	0.56	<RDL	0.13	0.649	mg/Kg	0.7	<RDL	0.24	1.2	mg/Kg	0.49	<RDL	0.21	1.05	mg/Kg	0.42	<RDL	0.16	0.777	mg/Kg
Chromium, Total, ICP	22.4		0.19	0.973	mg/Kg	36		0.36	1.8	mg/Kg	31.2		0.32	1.58	mg/Kg	30.7		0.24	1.17	mg/Kg
Copper, Total, ICP	31.8		0.26	1.3	mg/Kg	98.3		0.48	2.4	mg/Kg	77.8		0.42	2.1	mg/Kg	56		0.31	1.56	mg/Kg
Iron, Total, ICP	17400		3.2	16.2	mg/Kg	34800		6	30	mg/Kg	33500		5.3	26.4	mg/Kg	21900		3.9	19.4	mg/Kg
Lead, Total, ICP	37.2		1.3	6.49	mg/Kg	66.9		2.4	12	mg/Kg	43.2		2.1	10.5	mg/Kg	36.1		1.6	7.77	mg/Kg
Manganese, Total, ICP	197		0.13	0.649	mg/Kg	382		0.24	1.2	mg/Kg	369		0.21	1.05	mg/Kg	262		0.16	0.777	mg/Kg
Nickel, Total, ICP	29.4		0.32	1.62	mg/Kg	26.8		0.6	3	mg/Kg	24.3		0.53	2.64	mg/Kg	21.9		0.39	1.94	mg/Kg
Selenium, Total, ICP		<MDL	1.6	8.11	mg/Kg		<MDL	2.9	15	mg/Kg		<MDL	2.5	13.1	mg/Kg		<MDL	1.9	9.73	mg/Kg
Silver, Total, ICP		<MDL	0.26	1.3	mg/Kg		<MDL	0.48	2.4	mg/Kg		<MDL	0.42	2.1	mg/Kg		<MDL	0.31	1.56	mg/Kg
Thallium, Total, ICP		<MDL	2.6	13	mg/Kg		<MDL	4.8	24	mg/Kg		<MDL	4.2	21	mg/Kg		<MDL	3.1	15.6	mg/Kg
Zinc, Total, ICP	153		0.32	1.62	mg/Kg	211		0.6	3	mg/Kg	153		0.53	2.64	mg/Kg	135		0.39	1.94	mg/Kg
M=OR EPA 3550B/8270C (7-3-01-004)																				
1,2,4-Trichlorobenzene		<MDL	0.13	0.259	ug/Kg		<MDL	0.24	0.483	ug/Kg		<MDL	0.21	0.422	ug/Kg		<MDL	0.16	0.313	ug/Kg
1,2-Dichlorobenzene		<MDL	0.26	0.519	ug/Kg		<MDL	0.48	0.966	ug/Kg		<MDL	0.42	0.844	ug/Kg		<MDL	0.31	0.627	ug/Kg
1,3-Dichlorobenzene		<MDL	0.26	0.519	ug/Kg		<MDL	0.48	0.966	ug/Kg		<MDL	0.42	0.844	ug/Kg		<MDL	0.31	0.627	ug/Kg
1,4-Dichlorobenzene	636		0.26	0.519	ug/Kg	2.75		0.48	0.966	ug/Kg	6.92		0.42	0.844	ug/Kg	9.97	E	0.31	0.627	ug/Kg
2,4-Dimethylphenol		<MDL	1.3	2.59	ug/Kg		<MDL	2.4	4.83	ug/Kg		<MDL	2.1	4.22	ug/Kg		<MDL	1.6	3.13	ug/Kg
2-Methylnaphthalene	11.5		2.6	5.19	ug/Kg	10.6		4.8	9.66	ug/Kg	10.2		4.2	8.44	ug/Kg	8.57		3.1	6.27	ug/Kg
2-Methylphenol		<MDL	2.6	5.19	ug/Kg		<MDL	4.8	9.66	ug/Kg		<MDL	4.2	8.44	ug/Kg		<MDL	3.1	6.27	ug/Kg
4-Methylphenol		<MDL	5.2	10.4	ug/Kg		<MDL	9.7	19.3	ug/Kg		<MDL	8.4	16.9	ug/Kg	34.5		6.3	12.5	ug/Kg
Acenaphthene	7.04		2.6	5.19	ug/Kg	16.1		4.8	9.66	ug/Kg	15.5		4.2	8.44	ug/Kg	20.8		3.1	6.27	ug/Kg
Acenaphthylene		<MDL	2.6	5.19	ug/Kg	12.7		4.8	9.66	ug/Kg	8.95		4.2	8.44	ug/Kg	5.2	<RDL	3.1	6.27	ug/Kg
Anthracene	10.8		2.6	5.19	ug/Kg	84.3		4.8	9.66	ug/Kg	81		4.2	8.44	ug/Kg	150		3.1	6.27	ug/Kg
Benzo(a)anthracene	37.5		2.6	5.19	ug/Kg	261		4.8	9.66	ug/Kg	172		4.2	8.44	ug/Kg	310	E	3.1	6.27	ug/Kg
Benzo(a)pyrene	44.4		2.6	5.19	ug/Kg	263		4.8	9.66	ug/Kg	186		4.2	8.44	ug/Kg	285		3.1	6.27	ug/Kg
Benzo(b)fluoranthene	40.5		2.6	5.19	ug/Kg	350		4.8	9.66	ug/Kg	209		4.2	8.44	ug/Kg	337		3.1	6.27	ug/Kg
Benzo(g,h,i)perylene	33.9		2.6	5.19	ug/Kg	178		4.8	9.66	ug/Kg	122		4.2	8.44	ug/Kg	205		3.1	6.27	ug/Kg
Benzo(k)fluoranthene	39.7		2.6	5.19	ug/Kg	273		4.8	9.66	ug/Kg	222		4.2	8.44	ug/Kg	277		3.1	6.27	ug/Kg
Benzoic Acid	171	B	13	25.9	ug/Kg	365	B	24	48.3	ug/Kg	338	B	21	42.2	ug/Kg	318		16	31.3	ug/Kg
Benzyl Alcohol		<MDL	2.6	5.19	ug/Kg		<MDL	4.8	9.66	ug/Kg		<MDL	4.2	8.44	ug/Kg		<MDL	3.1	6.27	ug/Kg
Benzyl Butyl Phthalate	123	B	1.3	2.59	ug/Kg	148	B	2.4	4.83	ug/Kg	64.3	B	2.1	4.22	ug/Kg	150		1.6	3.13	ug/Kg
Bis(2-Ethylhexyl)Phthalate	722	B	5.2	10.4	ug/Kg	1870	B	9.7	19.3	ug/Kg	1100	B	8.4	16.9	ug/Kg	1110	B	6.3	12.5	ug/Kg
Caffeine		<MDL	5.2	10.4	ug/Kg		<MDL	9.7	19.3	ug/Kg		<MDL	8.4	16.9	ug/Kg		<MDL	6.3	12.5	ug/Kg
Carbazole	10.6		2.6	5.19	ug/Kg	37.7		4.8	9.66	ug/Kg	28.7		4.2	8.44	ug/Kg	30.6		3.1	6.27	ug/Kg
Chrysene	63		2.6	5.19	ug/Kg	389		4.8	9.66	ug/Kg	257		4.2	8.44	ug/Kg	354		3.1	6.27	ug/Kg
Coprostanol		<MDL	52	104	ug/Kg		<MDL	97	193	ug/Kg		<MDL	84	169	ug/Kg		<MDL	63	125	ug/Kg
Dibenzo(a,h)anthracene	14.3		2.6	5.19	ug/Kg	78		4.8	9.66	ug/Kg	60.3		4.2	8.44	ug/Kg	95		3.1	6.27	ug/Kg
Dibenzofuran	4.4	<RDL	2.6	5.19	ug/Kg	15.2		4.8	9.66	ug/Kg	15.3		4.2	8.44	ug/Kg	13.2		3.1	6.27	ug/Kg
Diethyl Phthalate		<MDL	5.2	10.4	ug/Kg		<MDL	9.7	19.3	ug/Kg		<MDL	8.4	16.9	ug/Kg		<MDL	6.3	12.5	ug/Kg
Dimethyl Phthalate	293		5.2	10.4	ug/Kg		<MDL	9.7	19.3	ug/Kg	20.3		8.4	16.9	ug/Kg	71.3		6.3	12.5	ug/Kg
Di-N-Butyl Phthalate	354	B	5.2	10.4	ug/Kg	68.6	B	9.7	19.3	ug/Kg	17.6	B	8.4	16.9	ug/Kg	19.3		6.3	12.5	ug/Kg
Di-N-Octyl Phthalate		<MDL	5.2	10.4	ug/Kg		<MDL	9.7	19.3	ug/Kg		<MDL	8.4	16.9	ug/Kg		<MDL	6.3	12.5	ug/Kg
Fluoranthene	104		2.6	5.19	ug/Kg	527		4.8	9.66	ug/Kg	319		4.2	8.44	ug/Kg	560	E	3.1	6.27	ug/Kg

King County Environmental Lab Analytical Report

PROJECT: 423062-100-4

	DUD_1A	DUD_2A	DUD_3A	DUD_4A
Locator:	DUD_1A	DUD_2A	DUD_3A	DUD_4A
Descrip:	CLEANUP AREA A MON	CLEANUP AREA A MON	CLEANUP AREA A MON	CLEANUP AREA A MON
Sampled:	03/24/08 9:35:00 AM	03/24/08 9:50:00 AM	03/24/08 10:08:00 AM	03/24/08 10:22:00 AM
Lab ID:	L45304-1	L45304-2	L45304-3	L45304-4
Matrix:	SALTWTRSED	SALTWTRSED	SALTWTRSED	SALTWTRSED
% Solids:	77.1	41.4	47.4	63.8

Parameters	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
			- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis		
COMBINED LABS																				
Fluorene	9.64		2.6	5.19	ug/Kg	32.1		4.8	9.66	ug/Kg	26.2		4.2	8.44	ug/Kg	48.9		3.1	6.27	ug/Kg
Hexachlorobenzene		<MDL	0.13	0.259	ug/Kg		<MDL	0.24	0.483	ug/Kg		<MDL	0.21	0.422	ug/Kg		<MDL	0.16	0.313	ug/Kg
Hexachlorobutadiene		<MDL	0.65	1.3	ug/Kg		<MDL	1.2	2.42	ug/Kg		<MDL	1.1	2.11	ug/Kg		<MDL	0.78	1.57	ug/Kg
Hexachloroethane		<MDL	1.3	2.59	ug/Kg		<MDL	2.4	4.83	ug/Kg		<MDL	2.1	4.22	ug/Kg		<MDL	1.6	3.13	ug/Kg
Indeno(1,2,3-Cd)Pyrene	32.2		2.6	5.19	ug/Kg	182		4.8	9.66	ug/Kg	134		4.2	8.44	ug/Kg	199		3.1	6.27	ug/Kg
Naphthalene	3.1	<RDL	2.6	5.19	ug/Kg	18.8		4.8	9.66	ug/Kg	8.9		4.2	8.44	ug/Kg	50		3.1	6.27	ug/Kg
N-Nitrosodiphenylamine		<MDL	5.2	10.4	ug/Kg		<MDL	9.7	19.3	ug/Kg		<MDL	8.4	16.9	ug/Kg		<MDL	6.3	12.5	ug/Kg
Pentachlorophenol		<MDL	13	25.9	ug/Kg		<MDL	24	48.3	ug/Kg		<MDL	21	42.2	ug/Kg		<MDL	16	31.3	ug/Kg
Phenanthrene	65		2.6	5.19	ug/Kg	194		4.8	9.66	ug/Kg	155		4.2	8.44	ug/Kg	378		3.1	6.27	ug/Kg
Phenol		<MDL,E	5.2	10.4	ug/Kg		<MDL,E	9.7	19.3	ug/Kg		<MDL,E	8.4	16.9	ug/Kg	190		6.3	12.5	ug/Kg
Pyrene	108		2.6	5.19	ug/Kg	618		4.8	9.66	ug/Kg	340		4.2	8.44	ug/Kg	602	E	3.1	6.27	ug/Kg
Total HPAHS	518		2.6	5.19	ug/Kg	3120		4.8	9.66	ug/Kg	2020		4.2	8.44	ug/Kg	3230		3.1	6.27	ug/Kg
Total LPAHs	107		2.6	5.19	ug/Kg	370		4.8	9.66	ug/Kg	306		4.2	8.44	ug/Kg	643		3.1	6.27	ug/Kg
M=OR EPA 8081A/8082 (7-3-03-002)																				
4,4'-DDD		<MDL	0.87	1.73	ug/Kg		<MDL	1.6	3.21	ug/Kg	1.8	<RDL	1.4	2.81	ug/Kg	1.4	<RDL	1.1	2.08	ug/Kg
4,4'-DDE		<MDL	0.87	1.73	ug/Kg		<MDL	1.6	3.21	ug/Kg		<MDL	1.4	2.81	ug/Kg		<MDL	1.1	2.08	ug/Kg
4,4'-DDT		<MDL	0.87	1.73	ug/Kg		<MDL	1.6	3.21	ug/Kg	5.86		1.4	2.81	ug/Kg		<MDL	1.1	2.08	ug/Kg
Aldrin		<MDL	0.87	1.73	ug/Kg		<MDL	1.6	3.21	ug/Kg		<MDL	1.4	2.81	ug/Kg		<MDL	1.1	2.08	ug/Kg
Alpha-BHC		<MDL	0.43	0.865	ug/Kg		<MDL	0.8	1.61	ug/Kg		<MDL	0.7	1.41	ug/Kg		<MDL	0.52	1.05	ug/Kg
Alpha-Chlordane		<MDL	0.43	0.865	ug/Kg		<MDL	0.8	1.61	ug/Kg		<MDL	0.7	1.41	ug/Kg		<MDL	0.52	1.05	ug/Kg
Beta-BHC		<MDL	0.43	0.865	ug/Kg		<MDL	0.8	1.61	ug/Kg		<MDL	0.7	1.41	ug/Kg		<MDL	0.52	1.05	ug/Kg
Delta-BHC		<MDL	0.43	0.865	ug/Kg		<MDL	0.8	1.61	ug/Kg		<MDL	0.7	1.41	ug/Kg		<MDL	0.52	1.05	ug/Kg
Dieldrin		<MDL	0.87	1.73	ug/Kg		<MDL	1.6	3.21	ug/Kg		<MDL	1.4	2.81	ug/Kg		<MDL	1.1	2.08	ug/Kg
Endosulfan I		<MDL	0.87	1.73	ug/Kg		<MDL	1.6	3.21	ug/Kg		<MDL	1.4	2.81	ug/Kg		<MDL	1.1	2.08	ug/Kg
Endosulfan II		<MDL	0.87	1.73	ug/Kg		<MDL	1.6	3.21	ug/Kg		<MDL	1.4	2.81	ug/Kg		<MDL	1.1	2.08	ug/Kg
Endosulfan Sulfate		<MDL	0.87	1.73	ug/Kg		<MDL	1.6	3.21	ug/Kg		<MDL	1.4	2.81	ug/Kg		<MDL	1.1	2.08	ug/Kg
Endrin		<MDL	0.87	1.73	ug/Kg		<MDL	1.6	3.21	ug/Kg		<MDL	1.4	2.81	ug/Kg		<MDL	1.1	2.08	ug/Kg
Endrin Aldehyde		<MDL,E	0.87	1.73	ug/Kg		<MDL,E	1.6	3.21	ug/Kg		<MDL,E	1.4	2.81	ug/Kg		<MDL,E	1.1	2.08	ug/Kg
Gamma-BHC (Lindane)		<MDL	0.43	0.865	ug/Kg		<MDL	0.8	1.61	ug/Kg		<MDL	0.7	1.41	ug/Kg		<MDL	0.52	1.05	ug/Kg
Gamma-Chlordane	0.84	<RDL	0.43	0.865	ug/Kg		<MDL	0.8	1.61	ug/Kg	2.76		0.7	1.41	ug/Kg	2.29		0.52	1.05	ug/Kg
Heptachlor		<MDL	0.43	0.865	ug/Kg		<MDL	0.8	1.61	ug/Kg		<MDL	0.7	1.41	ug/Kg		<MDL	0.52	1.05	ug/Kg
Heptachlor Epoxide		<MDL	0.43	0.865	ug/Kg		<MDL	0.8	1.61	ug/Kg		<MDL	0.7	1.41	ug/Kg		<MDL	0.52	1.05	ug/Kg
Methoxychlor		<MDL	4.3	8.65	ug/Kg		<MDL	8	16.1	ug/Kg		<MDL	7	14.1	ug/Kg		<MDL	5.2	10.5	ug/Kg
Toxaphene		<MDL	8.7	17.3	ug/Kg		<MDL	16	32.1	ug/Kg		<MDL	14	28.1	ug/Kg		<MDL	11	20.8	ug/Kg
M=OR EPA 8081A/8082 (7-3-103-000)																				
Aroclor 1016		<MDL,TA	8	16	ug/Kg		<MDL,TA	22	44.7	ug/Kg		<MDL,TA	15	29.7	ug/Kg		<MDL,TA	15	30.4	ug/Kg
Aroclor 1221		<MDL	2.2	4.32	ug/Kg		<MDL	4.1	8.04	ug/Kg		<MDL	3.6	7.03	ug/Kg		<MDL	2.7	5.22	ug/Kg
Aroclor 1232		<MDL,TA	12	23	ug/Kg		<MDL,TA	31	61.8	ug/Kg		<MDL,TA	20	40.7	ug/Kg		<MDL,TA	20	40.9	ug/Kg
Aroclor 1242		<MDL,TA	14	27.4	ug/Kg		<MDL,TA	36	73.2	ug/Kg		<MDL,TA	25	49.4	ug/Kg		<MDL,TA	24	46.6	ug/Kg
Aroclor 1248	10.1		1.1	2.17	ug/Kg	37		2	4.03	ug/Kg	23.6		1.8	3.52	ug/Kg	20.4		1.3	2.62	ug/Kg
Aroclor 1254	12.8		1.1	2.17	ug/Kg	60.9		2	4.03	ug/Kg	36.9		1.8	3.52	ug/Kg	32.9		1.3	2.62	ug/Kg
Aroclor 1260	4.58		1.1	2.17	ug/Kg	41.3		2	4.03	ug/Kg	33.3		1.8	3.52	ug/Kg	23.2		1.3	2.62	ug/Kg
Total Aroclors	27.4		1.1	2.17	ug/Kg	139		2	4.03	ug/Kg	93.7		1.8	3.52	ug/Kg	76.3		1.3	2.62	ug/Kg

* Not converted to dry weight basis for this parameter

King County Environmental Lab Analytical Report

PROJECT: 423062-100-4

Locator:	DUD_5A	DUD_5A	DUD_1B	DUD_2B
Descrip:	CLEANUP AREA A MON	CLEANUP AREA A MON	CLEANUP AREA A MON	CLEANUP AREA A MON
Sampled:	03/24/08 10:30:00 AM	03/24/08 10:40:00 AM	03/24/08 10:55:00 AM	03/24/08 11:10:00 AM
Lab ID:	L45304-5	L45304-6	L45304-7	L45304-8
Matrix:	SALTWTRSED	SALTWTRSED	SALTWTRSED	SALTWTRSED
% Solids:	81.8	81.6	57.5	44.7

Parameters	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
			- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis		
COMBINED LABS																				
M=CV ASTM D422(318V1)																				
Clay *	1.8	E	0.61	1.22	%	1.2	E	0.61	1.22	%	13.5	E	0.84	1.69	%	22.9	E	1	1.99	%
Dry Weight Factor	1.5					1.5					2.9					4.5				
Fines *	2.4		0.61	1.22	%	2.4		0.61	1.22	%	43.9		0.84	1.69	%	67.8		1	1.99	%
Gravel *	20		0.12	1.22	%	20.5		0.12	1.22	%	4.3		0.17	1.69	%	2		0.2	1.99	%
p+0.00 *	10.4		0.12	1.22	%	11.3		0.12	1.22	%	0.8	<RDL	0.17	1.69	%	0.5	<RDL	0.2	1.99	%
p+1.00 *	15.4		0.12	1.22	%	17.7		0.12	1.22	%	2		0.17	1.69	%	1	<RDL	0.2	1.99	%
p+10.0(equal/more than) *	1.2		0.61	1.22	%	1.2		0.61	1.22	%	9.3		0.84	1.69	%	15		1	1.99	%
p+2.00 *	31.4		0.12	1.22	%	31.5		0.12	1.22	%	15.7		0.17	1.69	%	3.9		0.2	1.99	%
p+3.00 *	17.7		0.12	1.22	%	14.7		0.12	1.22	%	22.9		0.17	1.69	%	8		0.2	1.99	%
p+4.00 *	2.6		0.12	1.22	%	1.8		0.12	1.22	%	9.7		0.17	1.69	%	6.9		0.2	1.99	%
p+5.00 *		<MDL	0.61	1.22	%	0.61	<RDL	0.61	1.22	%	10.1		0.84	1.69	%	4		1	1.99	%
p+6.00 *		<MDL	0.61	1.22	%	0.61	<RDL	0.61	1.22	%	5.9		0.84	1.69	%	17		1	1.99	%
p+7.00 *		<MDL	0.61	1.22	%		<MDL	0.61	1.22	%	8.4		0.84	1.69	%	13		1	1.99	%
p+8.00 *	0.6	<RDL	0.61	1.22	%		<MDL	0.61	1.22	%	5.9		0.84	1.69	%	11		1	1.99	%
p+9.00 *	0.6	<RDL	0.61	1.22	%		<MDL	0.61	1.22	%	4.2		0.84	1.69	%	8		1	1.99	%
p-1.00 *	11.2		0.12	1.22	%	10		0.12	1.22	%	1	<RDL	0.17	1.69	%	0.6	<RDL	0.2	1.99	%
p-2.00 *	3.2		0.12	1.22	%	1.9		0.12	1.22	%	0.3	<RDL	0.17	1.69	%	1	<RDL	0.2	1.99	%
p-2.00(less than) *	5.6		0.12	1.22	%	8.6		0.12	1.22	%	3		0.17	1.69	%	0.5	<RDL	0.2	1.99	%
Sand *	77.5		0.12	1.22	%	77		0.12	1.22	%	51.1		0.17	1.69	%	20.3		0.2	1.99	%
Silt *	0.6	<RDL,E	0.61	1.22	%	1.2	E	0.61	1.22	%	30.4	E	0.84	1.69	%	44.9	E	1	1.99	%
M=CV EPA 9060-PSEP96(337V3)																				
Total Organic Carbon	1500		500	990	mg/Kg	1100		480	950	mg/Kg	14700		3800	7630	mg/Kg	21400		3600	7360	mg/Kg
M=CV SM2540-G (307V3)																				
Total Solids *	81.8		0.005	0.01	%	81.6		0.005	0.01	%	57.5		0.005	0.01	%	44.7		0.005	0.01	%
M=ES NONE																				
Field Personnel	SH,BK,JB				none	SH,BK,JB				none	SH,BK,JB				none	SH,BK,JB				none
Sampcoordx1 *	1266794				ft	1266802				ft	1267060				ft	1267075				ft
Sampcoordx2 *	1266802				ft	1266802				ft	1267056				ft	1267077				ft
Sampcoordx3 *																				
Sampcoordy1 *	209406				ft	209411				ft	208490				ft	208623				ft
Sampcoordy2 *	209411				ft	209425				ft	208485				ft	208627				ft
Sampcoordy3 *																				
Sample Depth *	9				m	9				m	9				m	7				m
Sample Function						FREP @L45304-5				none										
Sample Information	At 5A AREP, cast #1 slightly exceeded 3				none	At 5A FREP, cast #3 slightly exceeded				none										
Sampling Method *	20042				none	20042				none	20042				none	20042				none
Sediment Sampling Depth *	9				cm	9				cm	12				cm	9				cm
Sediment Sampling Range *	0-8 cm				cm	0-8 cm				cm	0-10 cm				cm	0-8 cm				cm
Sediment Type	34S21				none	34S21				none	12N36				none	21S31				none
Tidal Condition	E				none	E				none	E				none	E				none
Tide Height *	6				ft	5				ft	4.8				ft	3.8				ft
M=MT CVAA EPA 7471B (604V4)																				
Mercury, Total, CVAA	0.016	<RDL,E	0.0061	0.0614	mg/Kg	0.016	<RDL,E	0.006	0.0596	mg/Kg	0.317	E	0.0083	0.0842	mg/Kg	0.172	E	0.011	0.111	mg/Kg
M=MT ICP EPA3050B/6010C MOD(612V3)																				
Aluminum, Total, ICP	11000		6.1	30.4	mg/Kg	12900		6.1	30.5	mg/Kg	16600		8.7	43.3	mg/Kg	24200		11	55.7	mg/Kg

King County Environmental Lab Analytical Report

PROJECT: 423062-100-4

Locator:	DUD_5A					Locator:	DUD_5A				Locator:	DUD_1B				Locator:	DUD_2B			
Descrip:	CLEANUP AREA A MON					Descrip:	CLEANUP AREA A MON				Descrip:	CLEANUP AREA A MON				Descrip:	CLEANUP AREA A MON			
Sampled:	03/24/08 10:30:00 AM					Sampled:	03/24/08 10:40:00 AM				Sampled:	03/24/08 10:55:00 AM				Sampled:	03/24/08 11:10:00 AM			
Lab ID:	L45304-5					Lab ID:	L45304-6				Lab ID:	L45304-7				Lab ID:	L45304-8			
Matrix:	SALTWTRSED					Matrix:	SALTWTRSED				Matrix:	SALTWTRSED				Matrix:	SALTWTRSED			
% Solids:	81.8					% Solids:	81.6				% Solids:	57.5				% Solids:	44.7			
Parameters	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
		- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis			
COMBINED LABS																				
Antimony, Total, ICP		<MDL,G	0.92	4.56	mg/Kg		<MDL,G	0.92	4.57	mg/Kg		<MDL,G	1.3	6.5	mg/Kg		<MDL,G	1.7	8.37	mg/Kg
Arsenic, Total, ICP	2.7	<RDL	1.5	7.6	mg/Kg	2.1	<RDL	1.5	7.62	mg/Kg	9.2	<RDL	2.1	10.9	mg/Kg	13	<RDL	2.7	13.9	mg/Kg
Beryllium, Total, ICP	0.12	<RDL	0.061	0.304	mg/Kg	0.13	<RDL	0.061	0.305	mg/Kg	0.33	<RDL	0.087	0.433	mg/Kg	0.49	<RDL	0.11	0.557	mg/Kg
Cadmium, Total, ICP		<MDL	0.12	0.608	mg/Kg		<MDL	0.12	0.61	mg/Kg	0.33	<RDL	0.17	0.868	mg/Kg	0.47	<RDL	0.22	1.11	mg/Kg
Chromium, Total, ICP	19.6		0.18	0.912	mg/Kg	28.3		0.18	0.914	mg/Kg	29.2		0.26	1.3	mg/Kg	31.5		0.34	1.67	mg/Kg
Copper, Total, ICP	64.4		0.24	1.22	mg/Kg	30.9		0.25	1.22	mg/Kg	63.8		0.35	1.74	mg/Kg	85.2		0.45	2.23	mg/Kg
Iron, Total, ICP	19400		3.1	15.2	mg/Kg	21100		3.1	15.2	mg/Kg	25700		4.3	21.7	mg/Kg	33600		5.6	28	mg/Kg
Lead, Total, ICP	6.34		1.2	6.08	mg/Kg	4.4	<RDL	1.2	6.1	mg/Kg	33		1.7	8.68	mg/Kg	45.4		2.2	11.1	mg/Kg
Manganese, Total, ICP	296		0.12	0.608	mg/Kg	382		0.12	0.61	mg/Kg	280		0.17	0.868	mg/Kg	360		0.22	1.11	mg/Kg
Nickel, Total, ICP	22.5		0.31	1.52	mg/Kg	22.8		0.31	1.52	mg/Kg	21.7		0.43	2.17	mg/Kg	24.4		0.56	2.8	mg/Kg
Selenium, Total, ICP		<MDL	1.5	7.6	mg/Kg		<MDL	1.5	7.62	mg/Kg		<MDL	2.1	10.9	mg/Kg		<MDL	2.7	13.9	mg/Kg
Silver, Total, ICP		<MDL	0.24	1.22	mg/Kg	1.68		0.25	1.22	mg/Kg		<MDL	0.35	1.74	mg/Kg		<MDL	0.45	2.23	mg/Kg
Thallium, Total, ICP		<MDL	2.4	12.2	mg/Kg		<MDL	2.5	12.2	mg/Kg		<MDL	3.5	17.4	mg/Kg		<MDL	4.5	22.3	mg/Kg
Zinc, Total, ICP	41.1		0.31	1.52	mg/Kg	39.3		0.31	1.52	mg/Kg	106		0.43	2.17	mg/Kg	152		0.56	2.8	mg/Kg
M=OR EPA 3550B/8270C (7-3-01-004)																				
1,2,4-Trichlorobenzene		<MDL	0.12	0.244	ug/Kg		<MDL	0.12	0.245	ug/Kg		<MDL	0.17	0.348	ug/Kg		<MDL	0.22	0.447	ug/Kg
1,2-Dichlorobenzene		<MDL	0.24	0.489	ug/Kg		<MDL	0.25	0.49	ug/Kg	2.35		0.35	0.696	ug/Kg		<MDL	0.45	0.895	ug/Kg
1,3-Dichlorobenzene		<MDL	0.24	0.489	ug/Kg		<MDL	0.25	0.49	ug/Kg		<MDL	0.35	0.696	ug/Kg		<MDL	0.45	0.895	ug/Kg
1,4-Dichlorobenzene	0.594	E	0.24	0.489	ug/Kg	1.67	E	0.25	0.49	ug/Kg	2.12	E	0.35	0.696	ug/Kg	2.37	E	0.45	0.895	ug/Kg
2,4-Dimethylphenol		<MDL	1.2	2.44	ug/Kg		<MDL	1.2	2.45	ug/Kg		<MDL	1.7	3.48	ug/Kg		<MDL	2.2	4.47	ug/Kg
2-Methylnaphthalene		<MDL	2.4	4.89	ug/Kg		<MDL	2.5	4.9	ug/Kg	5	<RDL	3.5	6.96	ug/Kg	7.8	<RDL	4.5	8.95	ug/Kg
2-Methylphenol		<MDL	2.4	4.89	ug/Kg		<MDL	2.5	4.9	ug/Kg		<MDL	3.5	6.96	ug/Kg		<MDL	4.5	8.95	ug/Kg
4-Methylphenol		<MDL	4.9	9.78	ug/Kg		<MDL	4.9	9.8	ug/Kg	44.9		7	13.9	ug/Kg	69.8		8.9	17.9	ug/Kg
Acenaphthene	2.6	<RDL	2.4	4.89	ug/Kg		<MDL	2.5	4.9	ug/Kg	11		3.5	6.96	ug/Kg	9.82		4.5	8.95	ug/Kg
Acenaphthylene		<MDL	2.4	4.89	ug/Kg		<MDL	2.5	4.9	ug/Kg	9.11		3.5	6.96	ug/Kg	5.8	<RDL	4.5	8.95	ug/Kg
Anthracene	10.7		2.4	4.89	ug/Kg	2.6	<RDL	2.5	4.9	ug/Kg	64.7		3.5	6.96	ug/Kg	69.1		4.5	8.95	ug/Kg
Benzo(a)anthracene	28.7	E	2.4	4.89	ug/Kg	5.87	E	2.5	4.9	ug/Kg	137	E	3.5	6.96	ug/Kg	156	E	4.5	8.95	ug/Kg
Benzo(a)pyrene	29.3		2.4	4.89	ug/Kg	11.8		2.5	4.9	ug/Kg	156		3.5	6.96	ug/Kg	167		4.5	8.95	ug/Kg
Benzo(b)fluoranthene	30		2.4	4.89	ug/Kg	11		2.5	4.9	ug/Kg	235		3.5	6.96	ug/Kg	222		4.5	8.95	ug/Kg
Benzo(g,h,i)perylene	12.7		2.4	4.89	ug/Kg	5.47		2.5	4.9	ug/Kg	89.4		3.5	6.96	ug/Kg	111		4.5	8.95	ug/Kg
Benzo(k)fluoranthene	28.7		2.4	4.89	ug/Kg	11.8		2.5	4.9	ug/Kg	142		3.5	6.96	ug/Kg	220		4.5	8.95	ug/Kg
Benzoic Acid	150		12	24.4	ug/Kg	154		12	24.5	ug/Kg	289		17	34.8	ug/Kg	331		22	44.7	ug/Kg
Benzyl Alcohol		<MDL	2.4	4.89	ug/Kg		<MDL	2.5	4.9	ug/Kg		<MDL	3.5	6.96	ug/Kg		<MDL	4.5	8.95	ug/Kg
Benzyl Butyl Phthalate	15.2		1.2	2.44	ug/Kg	11.8		1.2	2.45	ug/Kg	48.3		1.7	3.48	ug/Kg	77.6		2.2	4.47	ug/Kg
Bis(2-Ethylhexyl)Phthalate	97.9	B	4.9	9.78	ug/Kg	53.6	B	4.9	9.8	ug/Kg	417	B	7	13.9	ug/Kg	707	B	8.9	17.9	ug/Kg
Caffeine		<MDL	4.9	9.78	ug/Kg		<MDL	4.9	9.8	ug/Kg		<MDL	7	13.9	ug/Kg		<MDL	8.9	17.9	ug/Kg
Carbazole	4.4	<RDL	2.4	4.89	ug/Kg		<MDL	2.5	4.9	ug/Kg	15.6		3.5	6.96	ug/Kg	17.5		4.5	8.95	ug/Kg
Chrysene	39.2		2.4	4.89	ug/Kg	14.2		2.5	4.9	ug/Kg	230		3.5	6.96	ug/Kg	235		4.5	8.95	ug/Kg
Coprostanol		<MDL	49	97.8	ug/Kg		<MDL	49	98	ug/Kg		<MDL	70	139	ug/Kg		<MDL	89	179	ug/Kg
Dibenzo(a,h)anthracene	2.9	<RDL	2.4	4.89	ug/Kg		<MDL	2.5	4.9	ug/Kg	34.1		3.5	6.96	ug/Kg	41.4		4.5	8.95	ug/Kg
Dibenzofuran		<MDL	2.4	4.89	ug/Kg		<MDL	2.5	4.9	ug/Kg	9.74		3.5	6.96	ug/Kg	12.5		4.5	8.95	ug/Kg
Diethyl Phthalate	5.9	<RDL	4.9	9.78	ug/Kg		<MDL	4.9	9.8	ug/Kg	8.2	<RDL	7	13.9	ug/Kg		<MDL	8.9	17.9	ug/Kg
Dimethyl Phthalate	20.7		4.9	9.78	ug/Kg		<MDL	4.9	9.8	ug/Kg		<MDL	7	13.9	ug/Kg	90.6		8.9	17.9	ug/Kg
Di-N-Butyl Phthalate	6.2	<RDL	4.9	9.78	ug/Kg		<MDL	4.9	9.8	ug/Kg	14	<RDL	7	13.9	ug/Kg	24.8		8.9	17.9	ug/Kg
Di-N-Octyl Phthalate		<MDL	4.9	9.78	ug/Kg		<MDL	4.9	9.8	ug/Kg		<MDL	7	13.9	ug/Kg		<MDL	8.9	17.9	ug/Kg
Fluoranthene	61	E	2.4	4.89	ug/Kg	13.2	E	2.5	4.9	ug/Kg	245	E	3.5	6.96	ug/Kg	268	E	4.5	8.95	ug/Kg

King County Environmental Lab Analytical Report

PROJECT: 423062-100-4

Locator:	DUD_5A					DUD_5A					DUD_1B					DUD_2B				
Descrip:	CLEANUP AREA A MON					CLEANUP AREA A MON					CLEANUP AREA A MON					CLEANUP AREA A MON				
Sampled:	03/24/08 10:30:00 AM					03/24/08 10:40:00 AM					03/24/08 10:55:00 AM					03/24/08 11:10:00 AM				
Lab ID:	L45304-5					L45304-6					L45304-7					L45304-8				
Matrix:	SALTWTRSED					SALTWTRSED					SALTWTRSED					SALTWTRSED				
% Solids:	81.8					81.6					57.5					44.7				
Parameters	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
			- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis		
COMBINED LABS																				
Fluorene	6.47		2.4	4.89	ug/Kg	4.2	<RDL	2.5	4.9	ug/Kg	21		3.5	6.96	ug/Kg	45.4		4.5	8.95	ug/Kg
Hexachlorobenzene		<MDL	0.12	0.244	ug/Kg		<MDL	0.12	0.245	ug/Kg		<MDL	0.17	0.348	ug/Kg		<MDL	0.22	0.447	ug/Kg
Hexachlorobutadiene		<MDL	0.61	1.22	ug/Kg		<MDL	0.61	1.23	ug/Kg		<MDL	0.87	1.74	ug/Kg		<MDL	1.1	2.24	ug/Kg
Hexachloroethane		<MDL	1.2	2.44	ug/Kg		<MDL	1.2	2.45	ug/Kg		<MDL	1.7	3.48	ug/Kg		<MDL	2.2	4.47	ug/Kg
Indeno(1,2,3-Cd)Pyrene	15.2		2.4	4.89	ug/Kg	7.14		2.5	4.9	ug/Kg	88.3		3.5	6.96	ug/Kg	107		4.5	8.95	ug/Kg
Naphthalene		<MDL	2.4	4.89	ug/Kg		<MDL	2.5	4.9	ug/Kg	7.62		3.5	6.96	ug/Kg	8.1	<RDL	4.5	8.95	ug/Kg
N-Nitrosodiphenylamine		<MDL	4.9	9.78	ug/Kg		<MDL	4.9	9.8	ug/Kg		<MDL	7	13.9	ug/Kg		<MDL	8.9	17.9	ug/Kg
Pentachlorophenol		<MDL	12	24.4	ug/Kg		<MDL	12	24.5	ug/Kg		<MDL	17	34.8	ug/Kg		<MDL	22	44.7	ug/Kg
Phenanthrene	41.3		2.4	4.89	ug/Kg	7.49		2.5	4.9	ug/Kg	128		3.5	6.96	ug/Kg	120		4.5	8.95	ug/Kg
Phenol	67		4.9	9.78	ug/Kg	101		4.9	9.8	ug/Kg	400		7	13.9	ug/Kg	436		8.9	17.9	ug/Kg
Pyrene	71	E	2.4	4.89	ug/Kg	13	E	2.5	4.9	ug/Kg	259	E	3.5	6.96	ug/Kg	282	E	4.5	8.95	ug/Kg
Total HPAHS	319		2.4	4.89	ug/Kg	93.1		2.5	4.9	ug/Kg	1620		3.5	6.96	ug/Kg	1810		4.5	8.95	ug/Kg
Total LPAHs	62.8		2.4	4.89	ug/Kg	14.7		2.5	4.9	ug/Kg	247		3.5	6.96	ug/Kg	248		4.5	8.95	ug/Kg
M=OR EPA 8081A/8082 (7-3-03-002)																				
4,4'-DDD		<MDL	0.82	1.63	ug/Kg		<MDL	0.82	1.63	ug/Kg	1.4	<RDL	1.2	2.31	ug/Kg	2.1	<RDL	1.5	2.98	ug/Kg
4,4'-DDE		<MDL	0.82	1.63	ug/Kg		<MDL	0.82	1.63	ug/Kg		<MDL	1.2	2.31	ug/Kg		<MDL	1.5	2.98	ug/Kg
4,4'-DDT		<MDL	0.82	1.63	ug/Kg		<MDL	0.82	1.63	ug/Kg		<MDL	1.2	2.31	ug/Kg	6.82		1.5	2.98	ug/Kg
Aldrin		<MDL	0.82	1.63	ug/Kg		<MDL	0.82	1.63	ug/Kg		<MDL	1.2	2.31	ug/Kg		<MDL	1.5	2.98	ug/Kg
Alpha-BHC		<MDL	0.4	0.815	ug/Kg		<MDL	0.4	0.817	ug/Kg		<MDL	0.57	1.16	ug/Kg		<MDL	0.74	1.49	ug/Kg
Alpha-Chlordane		<MDL	0.4	0.815	ug/Kg		<MDL	0.4	0.817	ug/Kg		<MDL	0.57	1.16	ug/Kg		<MDL	0.74	1.49	ug/Kg
Beta-BHC		<MDL	0.4	0.815	ug/Kg		<MDL	0.4	0.817	ug/Kg		<MDL	0.57	1.16	ug/Kg		<MDL	0.74	1.49	ug/Kg
Delta-BHC		<MDL	0.4	0.815	ug/Kg		<MDL	0.4	0.817	ug/Kg		<MDL	0.57	1.16	ug/Kg		<MDL	0.74	1.49	ug/Kg
Dieldrin		<MDL	0.82	1.63	ug/Kg		<MDL	0.82	1.63	ug/Kg		<MDL	1.2	2.31	ug/Kg		<MDL	1.5	2.98	ug/Kg
Endosulfan I		<MDL	0.82	1.63	ug/Kg		<MDL	0.82	1.63	ug/Kg		<MDL	1.2	2.31	ug/Kg		<MDL	1.5	2.98	ug/Kg
Endosulfan II		<MDL	0.82	1.63	ug/Kg		<MDL	0.82	1.63	ug/Kg		<MDL	1.2	2.31	ug/Kg		<MDL	1.5	2.98	ug/Kg
Endosulfan Sulfate		<MDL	0.82	1.63	ug/Kg		<MDL	0.82	1.63	ug/Kg		<MDL	1.2	2.31	ug/Kg		<MDL	1.5	2.98	ug/Kg
Endrin		<MDL	0.82	1.63	ug/Kg		<MDL	0.82	1.63	ug/Kg		<MDL	1.2	2.31	ug/Kg		<MDL	1.5	2.98	ug/Kg
Endrin Aldehyde		<MDL,E	0.82	1.63	ug/Kg		<MDL,E	0.82	1.63	ug/Kg		<MDL,E	1.2	2.31	ug/Kg		<MDL,E	1.5	2.98	ug/Kg
Gamma-BHC (Lindane)		<MDL	0.4	0.815	ug/Kg		<MDL	0.4	0.817	ug/Kg		<MDL	0.57	1.16	ug/Kg		<MDL	0.74	1.49	ug/Kg
Gamma-Chlordane		<MDL	0.4	0.815	ug/Kg		<MDL	0.4	0.817	ug/Kg		<MDL	0.57	1.16	ug/Kg		<MDL	0.74	1.49	ug/Kg
Heptachlor		<MDL	0.4	0.815	ug/Kg		<MDL	0.4	0.817	ug/Kg		<MDL	0.57	1.16	ug/Kg		<MDL	0.74	1.49	ug/Kg
Heptachlor Epoxide		<MDL	0.4	0.815	ug/Kg		<MDL	0.4	0.817	ug/Kg		<MDL	0.57	1.16	ug/Kg		<MDL	0.74	1.49	ug/Kg
Methoxychlor		<MDL	4	8.15	ug/Kg		<MDL	4	8.17	ug/Kg		<MDL	5.7	11.6	ug/Kg		<MDL	7.4	14.9	ug/Kg
Toxaphene		<MDL	8.2	16.3	ug/Kg		<MDL	8.2	16.3	ug/Kg		<MDL	12	23.1	ug/Kg		<MDL	15	29.8	ug/Kg
M=OR EPA 8081A/8082 (7-3-103-000)																				
Aroclor 1016		<MDL,TA	2.3	4.56	ug/Kg		<MDL	1	2.05	ug/Kg		<MDL,TA	24	48.7	ug/Kg		<MDL,TA	18	36.7	ug/Kg
Aroclor 1221		<MDL	2.1	4.07	ug/Kg		<MDL	2.1	4.08	ug/Kg		<MDL	3	5.79	ug/Kg		<MDL	3.8	7.45	ug/Kg
Aroclor 1232		<MDL	2.1	4.07	ug/Kg		<MDL	2.1	4.08	ug/Kg		<MDL,TA	30	57.6	ug/Kg		<MDL,TA	27	53	ug/Kg
Aroclor 1242		<MDL	1	2.04	ug/Kg		<MDL	1	2.05	ug/Kg		<MDL,TA	42	83.8	ug/Kg		<MDL,TA	31	62	ug/Kg
Aroclor 1248	2.78		1	2.04	ug/Kg		<MDL	1	2.05	ug/Kg	37.2		1.4	2.9	ug/Kg	30.9		1.9	3.74	ug/Kg
Aroclor 1254	3.72		1	2.04	ug/Kg	3.05		1	2.05	ug/Kg	92.7		1.4	2.9	ug/Kg	52.1		1.9	3.74	ug/Kg
Aroclor 1260	2.43		1	2.04	ug/Kg	2.25		1	2.05	ug/Kg	35.7		1.4	2.9	ug/Kg	32.4		1.9	3.74	ug/Kg
Total Aroclors	8.92		1	2.04	ug/Kg	5.31		1	2.05	ug/Kg	166		1.4	2.9	ug/Kg	115		1.9	3.74	ug/Kg

* Not converted to dry weight basis for this parameter

King County Environmental Lab Analytical Report

PROJECT: 423062-100-4

Locator: DUD_3B
Descrip: CLEANUP AREA A MON
Sampled: 03/24/08 11:25:00 AM
Lab ID: L45304-9
Matrix: SALTWTRSED
% Solids: 44.8

Parameters	Value	Qual	MDL	RDL	Units
		- Dry Weight Basis			
COMBINED LABS					
M=CV ASTM D422(318V1)					
Clay *	23.7	E	1.1	2.16	%
Dry Weight Factor	4.8				
Fines *	67.9		1.1	2.16	%
Gravel *	13.4		0.22	2.16	%
p+0.00 *	0.7	<RDL	0.22	2.16	%
p+1.00 *	0.9	<RDL	0.22	2.16	%
p+10.0(equal/more than) *	15.1		1.1	2.16	%
p+2.00 *	4.9		0.22	2.16	%
p+3.00 *	8.6		0.22	2.16	%
p+4.00 *	7.3		0.22	2.16	%
p+5.00 *	5.4		1.1	2.16	%
p+6.00 *	16.2		1.1	2.16	%
p+7.00 *	12.9		1.1	2.16	%
p+8.00 *	9.7		1.1	2.16	%
p+9.00 *	8.6		1.1	2.16	%
p-1.00 *	0.9	<RDL	0.22	2.16	%
p-2.00 *	0.7	<RDL	0.22	2.16	%
p-2.00(less than) *	11.8		0.22	2.16	%
Sand *	22.4		0.22	2.16	%
Silt *	44.2	E	1.1	2.16	%
M=CV EPA 9060-PSEP96(337V3)					
Total Organic Carbon	22800		4000	7900	mg/Kg
M=CV SM2540-G (307V3)					
Total Solids *	44.8		0.005	0.01	%
M=ES NONE					
Field Personnel	SH,BK,JB				none
Sampcoordx1 *	1267053				ft
Sampcoordx2 *	1267044				ft
Sampcoordx3 *					
Sampcoordy1 *	208714				ft
Sampcoordy2 *	208719				ft
Sampcoordy3 *					
Sample Depth *	6				m
Sample Function					
Sample Information					
Sampling Method *	20042				none
Sediment Sampling Depth *	11				cm
Sediment Sampling Range *	0-10 cm				cm
Sediment Type	21N31				none
Tidal Condition	E				none
Tide Height *	3				ft
M=MT CVAA EPA 7471B (604V4)					
Mercury, Total, CVAA	0.239	E	0.011	0.106	mg/Kg
M=MT ICP EPA3050B/6010C MOD(612V3)					
Aluminum, Total, ICP	23700		11	55.6	mg/Kg

King County Environmental Lab Analytical Report

PROJECT: 423062-100-4

Locator: DUD_3B
Descrip: CLEANUP AREA A MON
Sampled: 03/24/08 11:25:00 AM
Lab ID: L45304-9
Matrix: SALTWTRSED
% Solids: 44.8

Parameters	Value	Qual	MDL	RDL	Units
		- Dry Weight Basis			
COMBINED LABS					
Antimony, Total, ICP		<MDL,G	1.7	8.33	mg/Kg
Arsenic, Total, ICP	13	<RDL	2.7	13.9	mg/Kg
Beryllium, Total, ICP	0.49	<RDL	0.11	0.556	mg/Kg
Cadmium, Total, ICP	0.42	<RDL	0.22	1.11	mg/Kg
Chromium, Total, ICP	31.3		0.33	1.67	mg/Kg
Copper, Total, ICP	75.7		0.45	2.22	mg/Kg
Iron, Total, ICP	33300		5.6	27.7	mg/Kg
Lead, Total, ICP	40.8		2.2	11.1	mg/Kg
Manganese, Total, ICP	355		0.22	1.11	mg/Kg
Nickel, Total, ICP	24.3		0.56	2.77	mg/Kg
Selenium, Total, ICP		<MDL	2.7	13.9	mg/Kg
Silver, Total, ICP		<MDL	0.45	2.22	mg/Kg
Thallium, Total, ICP		<MDL	4.5	22.2	mg/Kg
Zinc, Total, ICP	146		0.56	2.77	mg/Kg
M=OR EPA 3550B/8270C (7-3-01-004)					
1,2,4-Trichlorobenzene		<MDL	0.22	0.446	ug/Kg
1,2-Dichlorobenzene		<MDL	0.45	0.893	ug/Kg
1,3-Dichlorobenzene		<MDL	0.45	0.893	ug/Kg
1,4-Dichlorobenzene	2.83	E	0.45	0.893	ug/Kg
2,4-Dimethylphenol		<MDL	2.2	4.46	ug/Kg
2-Methylnaphthalene	7.4	<RDL	4.5	8.93	ug/Kg
2-Methylphenol		<MDL	4.5	8.93	ug/Kg
4-Methylphenol	51.8		8.9	17.9	ug/Kg
Acenaphthene	12.2		4.5	8.93	ug/Kg
Acenaphthylene	12.4		4.5	8.93	ug/Kg
Anthracene	69.2		4.5	8.93	ug/Kg
Benzo(a)anthracene	186	E	4.5	8.93	ug/Kg
Benzo(a)pyrene	191		4.5	8.93	ug/Kg
Benzo(b)fluoranthene	248		4.5	8.93	ug/Kg
Benzo(g,h,i)perylene	126		4.5	8.93	ug/Kg
Benzo(k)fluoranthene	246		4.5	8.93	ug/Kg
Benzoic Acid	299		22	44.6	ug/Kg
Benzyl Alcohol		<MDL	4.5	8.93	ug/Kg
Benzyl Butyl Phthalate	61.4		2.2	4.46	ug/Kg
Bis(2-Ethylhexyl)Phthalate	991	B	8.9	17.9	ug/Kg
Caffeine		<MDL	8.9	17.9	ug/Kg
Carbazole	21.9		4.5	8.93	ug/Kg
Chrysene	277		4.5	8.93	ug/Kg
Coprostanol		<MDL	89	179	ug/Kg
Dibenzo(a,h)anthracene	58.7		4.5	8.93	ug/Kg
Dibenzofuran	11.3		4.5	8.93	ug/Kg
Diethyl Phthalate		<MDL	8.9	17.9	ug/Kg
Dimethyl Phthalate	21		8.9	17.9	ug/Kg
Di-N-Butyl Phthalate	32.1		8.9	17.9	ug/Kg
Di-N-Octyl Phthalate		<MDL	8.9	17.9	ug/Kg
Fluoranthene	306	E	4.5	8.93	ug/Kg

King County Environmental Lab Analytical Report

PROJECT: 423062-100-4

Locator: DUD_3B
Descrip: CLEANUP AREA A MON
Sampled: 03/24/08 11:25:00 AM
Lab ID: L45304-9
Matrix: SALTWTRSED
% Solids: 44.8

Parameters	Value	Qual	MDL	RDL	Units
		- Dry Weight Basis			
COMBINED LABS					
Fluorene	23		4.5	8.93	ug/Kg
Hexachlorobenzene		<MDL	0.22	0.446	ug/Kg
Hexachlorobutadiene		<MDL	1.1	2.23	ug/Kg
Hexachloroethane		<MDL	2.2	4.46	ug/Kg
Indeno(1,2,3-Cd)Pyrene	124		4.5	8.93	ug/Kg
Naphthalene	8.3	<RDL	4.5	8.93	ug/Kg
N-Nitrosodiphenylamine		<MDL	8.9	17.9	ug/Kg
Pentachlorophenol		<MDL	22	44.6	ug/Kg
Phenanthrene	134		4.5	8.93	ug/Kg
Phenol	413		8.9	17.9	ug/Kg
Pyrene	313	E	4.5	8.93	ug/Kg
Total HPAHS	2070		4.5	8.93	ug/Kg
Total LPAHs	266		4.5	8.93	ug/Kg
M=OR EPA 8081A/8082 (7-3-03-002)					
4,4'-DDD	2.1	<RDL	1.5	2.97	ug/Kg
4,4'-DDE		<MDL	1.5	2.97	ug/Kg
4,4'-DDT	6.23		1.5	2.97	ug/Kg
Aldrin		<MDL	1.5	2.97	ug/Kg
Alpha-BHC		<MDL	0.74	1.49	ug/Kg
Alpha-Chlordane		<MDL	0.74	1.49	ug/Kg
Beta-BHC		<MDL	0.74	1.49	ug/Kg
Delta-BHC		<MDL	0.74	1.49	ug/Kg
Dieldrin		<MDL	1.5	2.97	ug/Kg
Endosulfan I		<MDL	1.5	2.97	ug/Kg
Endosulfan II		<MDL	1.5	2.97	ug/Kg
Endosulfan Sulfate		<MDL	1.5	2.97	ug/Kg
Endrin		<MDL	1.5	2.97	ug/Kg
Endrin Aldehyde		<MDL,E	1.5	2.97	ug/Kg
Gamma-BHC (Lindane)		<MDL	0.74	1.49	ug/Kg
Gamma-Chlordane		<MDL	0.74	1.49	ug/Kg
Heptachlor		<MDL	0.74	1.49	ug/Kg
Heptachlor Epoxide		<MDL	0.74	1.49	ug/Kg
Methoxychlor		<MDL	7.4	14.9	ug/Kg
Toxaphene		<MDL	15	29.7	ug/Kg
M=OR EPA 8081A/8082 (7-3-103-000)					
Aroclor 1016		<MDL,TA	25	49.8	ug/Kg
Aroclor 1221		<MDL	3.8	7.43	ug/Kg
Aroclor 1232		<MDL,TA	38	73.9	ug/Kg
Aroclor 1242		<MDL,TA	40	79.2	ug/Kg
Aroclor 1248	36.6		1.9	3.73	ug/Kg
Aroclor 1254	55.8		1.9	3.73	ug/Kg
Aroclor 1260	37.9		1.9	3.73	ug/Kg
Total Aroclors	130		1.9	3.73	ug/Kg

* Not converted to dry weight basis for this parameter

Appendix C2 – Sediment Cap 2009

King County Environmental Lab Analytical Report

Project:	423062-100-4					Project:	423062-100-4					Project:	423062-100-4								
Locator:	DUD_1A					Locator:	DUD_2A					Locator:	DUD_3A								
Descrip:	CLEANUP AREA A MON					Descrip:	CLEANUP AREA A MON					Descrip:	CLEANUP AREA A MON								
Sample:	L47890-1					Sample:	L47890-2					Sample:	L47890-3								
Matrix:	SF SALTWTRSED					Matrix:	SF SALTWTRSED					Matrix:	SF SALTWTRSED								
ColDate:	4/28/09 8:45					ColDate:	4/28/09 9:10					ColDate:	4/28/09 9:26								
TimeSpan:						TimeSpan:						TimeSpan:									
TotalSolid:	76.1					TotalSolid:	41.9					TotalSolid:	48.6								
ClientLoc:						ClientLoc:						ClientLoc:									
SampDepth:	6					SampDepth:	7					SampDepth:	10								
DRY Weight Basis						**DRY Weight Basis**						**DRY Weight Basis**									
Parameters	**Value**	**Qual**	**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**						
M=CV ASTM D422																					
Clay*	3.2		0.65	1.29	%	41.1		1.2	2.35	%	33.4		1	2.09	%						
Fines*	7.1		0.65	1.29	%	98.7		1.2	2.35	%	84.6		1	2.09	%						
Gravel*	36.9		0.13	1.29	%		<MDL	0.24	2.35	%		<MDL	0.21	2.09	%						
Sand*	50.6		0.13	1.29	%	8.3		0.24	2.35	%	17.8		0.21	2.09	%						
Silt*	3.9		0.65	1.29	%	57.6		1.2	2.35	%	51.2		1	2.09	%						
p+0.00*	19.6		0.13	1.29	%	0.3	<RDL	0.24	2.35	%		<MDL	0.21	2.09	%						
p+1.00*	18		0.13	1.29	%	0.6	<RDL	0.24	2.35	%	0.3	<RDL	0.21	2.09	%						
p+10.0(equal/more than)*	1.9		0.65	1.29	%	30.6		1.2	2.35	%	27.2		1	2.09	%						
p+2.00*	9.4		0.13	1.29	%		<MDL	0.24	2.35	%	3.5		0.21	2.09	%						
p+3.00*	3.3		0.13	1.29	%	2.4		0.24	2.35	%	7.4		0.21	2.09	%						
p+4.00*	0.3	<RDL	0.13	1.29	%	5		0.24	2.35	%	6.6		0.21	2.09	%						
p+5.00*		<MDL	0.65	1.29	%	7.1		1.2	2.35	%	4.2		1	2.09	%						
p+6.00*	0.6	<RDL	0.65	1.29	%	28.2		1.2	2.35	%	28.2		1	2.09	%						
p+7.00*	1.9		0.65	1.29	%	15.3		1.2	2.35	%	12.5		1	2.09	%						
p+8.00*	1.3		0.65	1.29	%	7.1		1.2	2.35	%	6.3		1	2.09	%						
p+9.00*	1.3		0.65	1.29	%	10.6		1.2	2.35	%	6.3		1	2.09	%						
p-1.00*	12.1		0.13	1.29	%		<MDL	0.24	2.35	%		<MDL	0.21	2.09	%						
p-2.00*	2.3		0.13	1.29	%		<MDL	0.24	2.35	%		<MDL	0.21	2.09	%						
p-2.00(less than)*	22.5		0.13	1.29	%		<MDL	0.24	2.35	%		<MDL	0.21	2.09	%						
CV SW846 9060-PSEP96																					
Total Organic Carbon	16300		1800	3610	mg/Kg	28400		2000	3910	mg/Kg	19400		2000	3970	mg/Kg						
M=CV SM2540-G																					
Total Solids*	76.1		0.005	0.01	%	41.9		0.005	0.01	%	48.6		0.005	0.01	%						
M=ES NONE																					
Field Personnel*	BK,JDD,JB,JeneeC				none	BK,JDD,JB,JeneeC				none	BK,JDD,JB,JeneeC				none						
Sampcoordx1*	1267044				ft	1267141				ft	1266956				ft						
Sampcoordx2*	1267045				ft	1267135				ft	1266955				ft						
Sampcoordx3*	1267043				ft																
Sampcoordy1*	209085				ft	208902				ft	208974				ft						
Sampcoordy2*	209086				ft	208903				ft	208975				ft						
Sampcoordy3*	209089				ft																
Sample Depth*	6				m	7				m	10				m						
Sampling Method*	20143				none	20143				none	20143				none						
Sediment Sampling Depth*	12				cm	17				cm	10				cm						
Sediment Sampling Range*					cm					cm					cm						
Sediment Type*	43W33				none	20N20				none	21N30				none						
Tidal Condition*	E				none	E				none	E				none						
Tide Height*	8				ft	6				ft	5				ft						
Sample Function*																					
MT SW846 3050B*SW846 6010C																					
Aluminum, Total, ICP	10400		6.2	31.1	mg/Kg	28400		12	59.9	mg/Kg	25100		10	51.6	mg/Kg						
Antimony, Total, ICP		<MDL,JG	0.93	4.66	mg/Kg		<MDL,JG	1.8	8.97	mg/Kg		<MDL,JG	1.5	7.74	mg/Kg						
Arsenic, Total, ICP	6.6	<RDL	1.6	7.78	mg/Kg	14	<RDL	3.1	15	mg/Kg	12	<RDL	2.7	12.9	mg/Kg						
Beryllium, Total, ICP	0.22	<RDL	0.062	0.311	mg/Kg	0.57	<RDL	0.12	0.599	mg/Kg	0.531		0.1	0.516	mg/Kg						
Cadmium, Total, ICP	0.679		0.12	0.623	mg/Kg	0.69	<RDL	0.24	1.2	mg/Kg	0.47	<RDL	0.21	1.03	mg/Kg						
Chromium, Total, ICP	63.5	J	0.18	0.934	mg/Kg	33.4		0.36	1.79	mg/Kg	29.8		0.31	1.55	mg/Kg						
Copper, Total, ICP	46.8		0.25	1.25	mg/Kg	78.8		0.48	2.39	mg/Kg	72.6		0.41	2.06	mg/Kg						

King County Environmental Lab Analytical Report

Project:	423062-100-4	423062-100-4	423062-100-4
Locator:	DUD_1A	DUD_2A	DUD_3A
Descrip:	CLEANUP AREA A MON	CLEANUP AREA A MON	CLEANUP AREA A MON
Sample:	L47890-1	L47890-2	L47890-3
Matrix:	SF SALTWTRSED	SF SALTWTRSED	SF SALTWTRSED
ColDate:	4/28/09 8:45	4/28/09 9:10	4/28/09 9:26
TimeSpan:			
TotalSolid:	76.1	41.9	48.6
ClientLoc:			
SampDepth:	6	7	10
	DRY Weight Basis	**DRY Weight Basis**	**DRY Weight Basis**

Parameters	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
Iron, Total, ICP	17900		3.2	15.5	mg/Kg	38700		6	29.8	mg/Kg	34400		5.1	25.7	mg/Kg
Lead, Total, ICP	43.8	J	1.2	6.23	mg/Kg	35.6		2.4	12	mg/Kg	31.1		2.1	10.3	mg/Kg
Manganese, Total, ICP	218		0.12	0.623	mg/Kg	415		0.24	1.2	mg/Kg	399		0.21	1.03	mg/Kg
Nickel, Total, ICP	31.5		0.32	1.55	mg/Kg	27.2		0.6	2.98	mg/Kg	24.9		0.51	2.57	mg/Kg
Selenium, Total, ICP		<MDL	1.6	7.78	mg/Kg		<MDL	3.1	15	mg/Kg		<MDL	2.7	12.9	mg/Kg
Silver, Total, ICP		<MDL	0.25	1.25	mg/Kg		<MDL	0.48	2.39	mg/Kg		<MDL	0.41	2.06	mg/Kg
Thallium, Total, ICP		<MDL	2.5	12.5	mg/Kg		<MDL	4.8	23.9	mg/Kg		<MDL	4.1	20.6	mg/Kg
Zinc, Total, ICP	164		0.32	1.55	mg/Kg	148		0.6	2.98	mg/Kg	120		0.51	2.57	mg/Kg
MT SW846 7471B															
Mercury, Total, CVAA	0.0557		0.0033	0.0323	mg/Kg	0.187		0.006	0.0587	mg/Kg	0.21		0.0051	0.0519	mg/Kg
OR EPA 3550B/8270C (7-3-01-004)															
1,2,4-Trichlorobenzene		<MDL	0.13	0.263	ug/Kg		<MDL	0.24	0.477	ug/Kg		<MDL	0.21	0.412	ug/Kg
1,2-Dichlorobenzene		<MDL	0.26	0.526	ug/Kg		<MDL	0.48	0.955	ug/Kg		<MDL	0.41	0.823	ug/Kg
1,3-Dichlorobenzene		<MDL	0.26	0.526	ug/Kg		<MDL	0.48	0.955	ug/Kg		<MDL	0.41	0.823	ug/Kg
1,4-Dichlorobenzene	11.3		0.26	0.526	ug/Kg		<MDL	0.48	0.955	ug/Kg	2.98		0.41	0.823	ug/Kg
2,4-Dimethylphenol		<MDL	1.3	2.63	ug/Kg		<MDL	2.4	4.77	ug/Kg		<MDL	2.1	4.12	ug/Kg
2-Methylnaphthalene	16.7		2.6	5.26	ug/Kg	8.6	<RDL	4.8	9.55	ug/Kg	8.5		4.1	8.23	ug/Kg
2-Methylphenol		<MDL	2.6	5.26	ug/Kg		<MDL	4.8	9.55	ug/Kg		<MDL	4.1	8.23	ug/Kg
4-Methylphenol		<MDL	5.3	10.5	ug/Kg		<MDL	9.5	19.1	ug/Kg		<MDL	8.2	16.5	ug/Kg
Acenaphthene	41.1		2.6	5.26	ug/Kg	13.7		4.8	9.55	ug/Kg	8	<RDL	4.1	8.23	ug/Kg
Acenaphthylene		<MDL	2.6	5.26	ug/Kg		<MDL	4.8	9.55	ug/Kg	8.33		4.1	8.23	ug/Kg
Anthracene	94.2		2.6	5.26	ug/Kg	49.6		4.8	9.55	ug/Kg	63.8		4.1	8.23	ug/Kg
Benzo(a)anthracene	310		2.6	5.26	ug/Kg	163		4.8	9.55	ug/Kg	170		4.1	8.23	ug/Kg
Benzo(a)pyrene	261		2.6	5.26	ug/Kg	138		4.8	9.55	ug/Kg	163		4.1	8.23	ug/Kg
Benzo(b)fluoranthene	323		2.6	5.26	ug/Kg	203		4.8	9.55	ug/Kg	249		4.1	8.23	ug/Kg
Benzo(g,h,i)perylene	209		2.6	5.26	ug/Kg	96.9		4.8	9.55	ug/Kg	110		4.1	8.23	ug/Kg
Benzo(k)fluoranthene	231		2.6	5.26	ug/Kg	160		4.8	9.55	ug/Kg	147		4.1	8.23	ug/Kg
Benzoic Acid		<MDL	13	26.3	ug/Kg	346		24	47.7	ug/Kg	321		21	41.2	ug/Kg
Benzyl Alcohol		<MDL	2.6	5.26	ug/Kg		<MDL	4.8	9.55	ug/Kg		<MDL	4.1	8.23	ug/Kg
Benzyl Butyl Phthalate		<MDL	1.3	2.63	ug/Kg	90.5	B2	2.4	4.77	ug/Kg	37.7	B	2.1	4.12	ug/Kg
Bis(2-Ethylhexyl)Phthalate	876	E	5.3	10.5	ug/Kg	974		9.5	19.1	ug/Kg	527		8.2	16.5	ug/Kg
Caffeine		<MDL	5.3	10.5	ug/Kg		<MDL	9.5	19.1	ug/Kg		<MDL	8.2	16.5	ug/Kg
Carbazole	92.4		2.6	5.26	ug/Kg	21.7		4.8	9.55	ug/Kg	19.2		4.1	8.23	ug/Kg
Chrysene	314		2.6	5.26	ug/Kg	202		4.8	9.55	ug/Kg	204		4.1	8.23	ug/Kg
Coprostanol		<MDL	53	105	ug/Kg		<MDL	95	191	ug/Kg		<MDL	82	165	ug/Kg
Di-N-Butyl Phthalate	31.4	B,J	5.3	10.5	ug/Kg	33.9	B	9.5	19.1	ug/Kg	43	B	8.2	16.5	ug/Kg
Di-N-Octyl Phthalate	821	E	5.3	10.5	ug/Kg		<MDL	9.5	19.1	ug/Kg		<MDL	8.2	16.5	ug/Kg
Dibenzo(a,h)anthracene	93.6		2.6	5.26	ug/Kg	41.3		4.8	9.55	ug/Kg	42.8		4.1	8.23	ug/Kg
Dibenzofuran	29.8		2.6	5.26	ug/Kg	10.9		4.8	9.55	ug/Kg	10.2		4.1	8.23	ug/Kg
Diethyl Phthalate		<MDL	5.3	10.5	ug/Kg		<MDL	9.5	19.1	ug/Kg		<MDL	8.2	16.5	ug/Kg
Dimethyl Phthalate		<MDL	5.3	10.5	ug/Kg		<MDL	9.5	19.1	ug/Kg		<MDL	8.2	16.5	ug/Kg
Fluoranthene	720	E,J	2.6	5.26	ug/Kg	294		4.8	9.55	ug/Kg	272		4.1	8.23	ug/Kg
Fluorene	38.8		2.6	5.26	ug/Kg	17.5		4.8	9.55	ug/Kg	18		4.1	8.23	ug/Kg
Hexachlorobenzene		<MDL	0.13	0.263	ug/Kg		<MDL	0.24	0.477	ug/Kg		<MDL	0.21	0.412	ug/Kg
Hexachlorobutadiene		<MDL	0.66	1.31	ug/Kg		<MDL	1.2	2.39	ug/Kg		<MDL	1	2.06	ug/Kg
Hexachloroethane		<MDL	1.3	2.63	ug/Kg		<MDL	2.4	4.77	ug/Kg		<MDL	2.1	4.12	ug/Kg
Indeno(1,2,3-Cd)Pyrene	189		2.6	5.26	ug/Kg	83.3		4.8	9.55	ug/Kg	107		4.1	8.23	ug/Kg
N-Nitrosodiphenylamine		<MDL	5.3	10.5	ug/Kg		<MDL	9.5	19.1	ug/Kg		<MDL	8.2	16.5	ug/Kg

King County Environmental Lab Analytical Report

Project:	423062-100-4					Project:	423062-100-4					Project:	423062-100-4								
Locator:	DUD_1A					Locator:	DUD_2A					Locator:	DUD_3A								
Descrip:	CLEANUP AREA A MON					Descrip:	CLEANUP AREA A MON					Descrip:	CLEANUP AREA A MON								
Sample:	L47890-1					Sample:	L47890-2					Sample:	L47890-3								
Matrix:	SF SALTWTRSED					Matrix:	SF SALTWTRSED					Matrix:	SF SALTWTRSED								
ColDate:	4/28/09 8:45					ColDate:	4/28/09 9:10					ColDate:	4/28/09 9:26								
TimeSpan:						TimeSpan:						TimeSpan:									
TotalSolid:	76.1					TotalSolid:	41.9					TotalSolid:	48.6								
ClientLoc:						ClientLoc:						ClientLoc:									
SampDepth:	6					SampDepth:	7					SampDepth:	10								
DRY Weight Basis						**DRY Weight Basis**						**DRY Weight Basis**									
Parameters	**Value**	**Qual**	**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**		**Value**	**Qual**	**MDL**	**RDL**	**Units**					
Naphthalene	189		2.6	5.26	ug/Kg	50.4		4.8	9.55	ug/Kg		16.7		4.1	8.23	ug/Kg					
Pentachlorophenol		<MDL	13	26.3	ug/Kg		<MDL	24	47.7	ug/Kg			<MDL	21	41.2	ug/Kg					
Phenanthrene	481	J	2.6	5.26	ug/Kg	109		4.8	9.55	ug/Kg		105		4.1	8.23	ug/Kg					
Phenol		<MDL	5.3	10.5	ug/Kg		<MDL	9.5	19.1	ug/Kg		151		8.2	16.5	ug/Kg					
Pyrene	951	J	2.6	5.26	ug/Kg	301	JG	4.8	9.55	ug/Kg		300	JG	4.1	8.23	ug/Kg					
Total 4-Nonylphenol	1420		6.6	13.1	ug/Kg	339		12	23.9	ug/Kg		152		10	20.6	ug/Kg					
Total HPAHS	3600		2.6	5.26	ug/Kg	1680		4.8	9.55	ug/Kg		1770		4.1	8.23	ug/Kg					
Total LPAHs	862		2.6	5.26	ug/Kg	248		4.8	9.55	ug/Kg		228		4.1	8.23	ug/Kg					
OR SW846 3550B*SW846 8081B																					
4,4'-DDD*		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg			<MDL	0.67	1.33	ug/Kg					
4,4'-DDE*		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg			<MDL	0.67	1.33	ug/Kg					
4,4'-DDT*		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg			<MDL	0.67	1.33	ug/Kg					
Aldrin		<MDL	0.88	1.75	ug/Kg		<MDL	1.6	3.17	ug/Kg			<MDL	1.4	2.74	ug/Kg					
Alpha-BHC		<MDL	0.43	0.876	ug/Kg		<MDL	0.79	1.59	ug/Kg			<MDL	0.68	1.37	ug/Kg					
Alpha-Chlordane		<MDL	0.43	0.876	ug/Kg		<MDL	0.79	1.59	ug/Kg			<MDL	0.68	1.37	ug/Kg					
Beta-BHC		<MDL	0.43	0.876	ug/Kg		<MDL	0.79	1.59	ug/Kg			<MDL	0.68	1.37	ug/Kg					
Delta-BHC		<MDL	0.43	0.876	ug/Kg		<MDL	0.79	1.59	ug/Kg			<MDL	0.68	1.37	ug/Kg					
Dieldrin		<MDL	0.88	1.75	ug/Kg		<MDL	1.6	3.17	ug/Kg			<MDL	1.4	2.74	ug/Kg					
Endosulfan I		<MDL	0.88	1.75	ug/Kg		<MDL	1.6	3.17	ug/Kg			<MDL	1.4	2.74	ug/Kg					
Endosulfan II		<MDL	0.88	1.75	ug/Kg		<MDL	1.6	3.17	ug/Kg			<MDL	1.4	2.74	ug/Kg					
Endosulfan Sulfate		<MDL	0.88	1.75	ug/Kg		<MDL	1.6	3.17	ug/Kg			<MDL	1.4	2.74	ug/Kg					
Endrin		<MDL	0.88	1.75	ug/Kg		<MDL	1.6	3.17	ug/Kg			<MDL	1.4	2.74	ug/Kg					
Endrin Aldehyde		<MDL	0.88	1.75	ug/Kg		<MDL	1.6	3.17	ug/Kg			<MDL	1.4	2.74	ug/Kg					
Gamma-BHC (Lindane)		<MDL	0.43	0.876	ug/Kg		<MDL	0.79	1.59	ug/Kg			<MDL	0.68	1.37	ug/Kg					
Gamma-Chlordane		<MDL	0.43	0.876	ug/Kg		<MDL	0.79	1.59	ug/Kg			<MDL	0.68	1.37	ug/Kg					
Heptachlor		<MDL	0.43	0.876	ug/Kg		<MDL	0.79	1.59	ug/Kg			<MDL	0.68	1.37	ug/Kg					
Heptachlor Epoxide		<MDL	0.43	0.876	ug/Kg		<MDL	0.79	1.59	ug/Kg			<MDL	0.68	1.37	ug/Kg					
Methoxychlor		<MDL	4.3	8.76	ug/Kg		<MDL	7.9	15.9	ug/Kg			<MDL	6.8	13.7	ug/Kg					
Toxaphene		<MDL	8.8	17.5	ug/Kg		<MDL	16	31.7	ug/Kg			<MDL	14	27.4	ug/Kg					
OR SW846 3550B*SW846 8082A																					
Aroclor 1016		<MDL,TA	9.9	19.8	ug/Kg		<MDL,TA	14	28.4	ug/Kg			<MDL,TA	10	20.8	ug/Kg					
Aroclor 1221		<MDL	2.2	4.38	ug/Kg		<MDL	4.1	7.95	ug/Kg			<MDL	3.5	6.85	ug/Kg					
Aroclor 1232		<MDL,TA	22	43.8	ug/Kg		<MDL,TA	41	79.5	ug/Kg			<MDL,TA	29	57.4	ug/Kg					
Aroclor 1242		<MDL,TA	22	43.8	ug/Kg		<MDL,TA	33	67.1	ug/Kg			<MDL,TA	14	27.8	ug/Kg					
Aroclor 1248	15.1		1.1	2.19	ug/Kg	30.5		2	3.99	ug/Kg		20.1		1.7	3.44	ug/Kg					
Aroclor 1254	25.9		1.1	2.19	ug/Kg	49.9		2	3.99	ug/Kg		46.5		1.7	3.44	ug/Kg					
Aroclor 1260	15.9	JG	1.1	2.19	ug/Kg	22.4	JG	2	3.99	ug/Kg		18.6	JG	1.7	3.44	ug/Kg					
Total Aroclors	56.8		1.1	2.19	ug/Kg	103		2	3.99	ug/Kg		85.2		1.7	3.44	ug/Kg					
* Not converted to dry weight basis																					

King County Environmental Lab Analytical Report

Project:	423062-100-4					Project:	423062-100-4					Project:	423062-100-4				
Locator:	DUD_4A					Locator:	DUD_5A					Locator:	DUD_5A				
Descrip:	CLEANUP AREA A MON					Descrip:	CLEANUP AREA A MON					Descrip:	CLEANUP AREA A MON				
Sample:	L47890-4					Sample:	L47890-5					Sample:	L47890-6				
Matrix:	SF SALTWTRSED					Matrix:	SF SALTWTRSED					Matrix:	SF SALTWTRSED				
ColDate:	4/28/09 9:45					ColDate:	4/28/09 10:02					ColDate:	4/28/09 10:22				
TimeSpan:						TimeSpan:						TimeSpan:					
TotalSolid:	60.3					TotalSolid:	79.6					TotalSolid:	84.8				
ClientLoc:						ClientLoc:						ClientLoc:					
SampDepth:	7					SampDepth:	9					SampDepth:	9				
DRY Weight Basis						**DRY Weight Basis**						**DRY Weight Basis**					
Parameters	**Value**	**Qual**	**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**
M=CV ASTM D422															
Clay*	21.4		0.82	1.64	%	6.1		0.61	1.22	%	4.9		0.62	1.24	%
Fines*	48.5		0.82	1.64	%	8.6		0.61	1.22	%	6.2		0.62	1.24	%
Gravel*	6.3		0.16	1.64	%	21.2		0.12	1.22	%	19.2		0.12	1.24	%
Sand*	52		0.16	1.64	%	71.4		0.12	1.22	%	73.3		0.12	1.24	%
Silt*	27.1		0.82	1.64	%	2.4	J	0.61	1.22	%	1.2	J	0.62	1.24	%
p+0.00*	1.8		0.16	1.64	%	11.4		0.12	1.22	%	9.1		0.12	1.24	%
p+1.00*	4.6		0.16	1.64	%	15.9		0.12	1.22	%	16.3		0.12	1.24	%
p+10.0(equal/more than)*	16.4		0.82	1.64	%	4.3		0.61	1.22	%	3.7		0.62	1.24	%
p+2.00*	18.4		0.16	1.64	%	29.4		0.12	1.22	%	31.5		0.12	1.24	%
p+3.00*	27.2		0.16	1.64	%	12.9		0.12	1.22	%	14.3		0.12	1.24	%
p+4.00*		<MDL	0.16	1.64	%	1.9		0.12	1.22	%	2.1		0.12	1.24	%
p+5.00*	2.5		0.82	1.64	%		<MDL	0.61	1.22	%		<MDL	0.62	1.24	%
p+6.00*	9.9		0.82	1.64	%	0.6	<RDL	0.61	1.22	%		<MDL	0.62	1.24	%
p+7.00*	9.9		0.82	1.64	%	0.6	<RDL	0.61	1.22	%		<MDL	0.62	1.24	%
p+8.00*	4.9		0.82	1.64	%	1.2		0.61	1.22	%	1.2		0.62	1.24	%
p+9.00*	4.9		0.82	1.64	%	1.8		0.61	1.22	%	1.2		0.62	1.24	%
p-1.00*	1.2		0.16	1.64	%	9.7		0.12	1.22	%	9.9		0.12	1.24	%
p-2.00*		<MDL	0.16	1.64	%	3.1		0.12	1.22	%	2.5		0.12	1.24	%
p-2.00(less than)*	5.1		0.16	1.64	%	8.4		0.12	1.22	%	6.9		0.12	1.24	%
CV SW846 9060-PSEP96															
Total Organic Carbon	15700		2000	3860	mg/Kg	2190		500	1020	mg/Kg	1580		500	1000	mg/Kg
M=CV SM2540-G															
Total Solids*	60.3		0.005	0.01	%	79.6		0.005	0.01	%	84.8		0.005	0.01	%
M=ES NONE															
Field Personnel*	BK,JDD,JB,JeneeC				none	BK,JDD,JB,JeneeC				none	BK,JDD,JB,JeneeC				none
Sampcoordx1*	1266886				ft	1266795				ft	1266797				ft
Sampcoordx2*	1266888				ft	1266797				ft	1266799				ft
Sampcoordx3*															
Sampcoordy1*	209357				ft	209410				ft	209411				ft
Sampcoordy2*	209354				ft	209411				ft	209405				ft
Sampcoordy3*															
Sample Depth*	7				m	9				m	9				m
Sampling Method*	20143				none	20143				none	20143				none
Sediment Sampling Depth*	12				cm	8				cm	8				cm
Sediment Sampling Range*					cm					cm					cm
Sediment Type*	20N30				none	34N20				none	34N20				none
Tidal Condition*	E				none	E				none	E				none
Tide Height*	4.8				ft	2.5				ft	3.5				ft
Sample Function*											FREP @ L47890-5				none
MT SW846 3050B*SW846 6010C															
Aluminum, Total, ICP	18900		8.6	43.3	mg/Kg	11100		6.4	32.2	mg/Kg	11500		7.4	37.3	mg/Kg
Antimony, Total, ICP		<MDL,JG	1.3	6.5	mg/Kg		<MDL,JG	0.97	4.82	mg/Kg		<MDL,JG	1.1	5.6	mg/Kg
Arsenic, Total, ICP	7.6	<RDL	2.2	10.8	mg/Kg	3.3	<RDL	1.6	8.04	mg/Kg	2.8	<RDL	1.9	9.33	mg/Kg
Beryllium, Total, ICP	0.32	<RDL	0.086	0.433	mg/Kg	0.15	<RDL	0.064	0.322	mg/Kg	0.15	<RDL	0.074	0.373	mg/Kg
Cadmium, Total, ICP	0.36	<RDL	0.17	0.866	mg/Kg		<MDL	0.13	0.643	mg/Kg		<MDL	0.15	0.746	mg/Kg
Chromium, Total, ICP	27.5		0.27	1.3	mg/Kg	16.5		0.19	0.965	mg/Kg	16		0.22	1.12	mg/Kg
Copper, Total, ICP	70.6		0.35	1.72	mg/Kg	38.9		0.25	1.28	mg/Kg	35.4		0.29	1.5	mg/Kg

King County Environmental Lab Analytical Report

Project:	423062-100-4					Project:	423062-100-4					Project:	423062-100-4								
Locator:	DUD_4A					Locator:	DUD_5A					Locator:	DUD_5A								
Descrip:	CLEANUP AREA A MON					Descrip:	CLEANUP AREA A MON					Descrip:	CLEANUP AREA A MON								
Sample:	L47890-4					Sample:	L47890-5					Sample:	L47890-6								
Matrix:	SF SALTWTRSED					Matrix:	SF SALTWTRSED					Matrix:	SF SALTWTRSED								
ColDate:	4/28/09 9:45					ColDate:	4/28/09 10:02					ColDate:	4/28/09 10:22								
TimeSpan:						TimeSpan:						TimeSpan:									
TotalSolid:	60.3					TotalSolid:	79.6					TotalSolid:	84.8								
ClientLoc:						ClientLoc:						ClientLoc:									
SampDepth:	7					SampDepth:	9					SampDepth:	9								
DRY Weight Basis						**DRY Weight Basis**						**DRY Weight Basis**									
Parameters	**Value**	**Qual**	**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**						
Iron, Total, ICP	28200		4.3	21.7	mg/Kg	20100		3.3	16.1	mg/Kg	20400		3.8	18.6	mg/Kg						
Lead, Total, ICP	22.6		1.7	8.66	mg/Kg	5.5	<RDL	1.3	6.43	mg/Kg	5.5	<RDL	1.5	7.46	mg/Kg						
Manganese, Total, ICP	313		0.17	0.866	mg/Kg	305		0.13	0.643	mg/Kg	432		0.15	0.746	mg/Kg						
Nickel, Total, ICP	25.4		0.43	2.17	mg/Kg	16.5		0.33	1.61	mg/Kg	16.6		0.38	1.86	mg/Kg						
Selenium, Total, ICP		<MDL	2.2	10.8	mg/Kg		<MDL	1.6	8.04	mg/Kg		<MDL	1.9	9.33	mg/Kg						
Silver, Total, ICP	0.53	<RDL	0.35	1.72	mg/Kg		<MDL	0.25	1.28	mg/Kg		<MDL	0.29	1.5	mg/Kg						
Thallium, Total, ICP		<MDL	3.5	17.2	mg/Kg		<MDL	2.5	12.8	mg/Kg		<MDL	2.9	15	mg/Kg						
Zinc, Total, ICP	94.9		0.43	2.17	mg/Kg	36.8		0.33	1.61	mg/Kg	36.6		0.38	1.86	mg/Kg						
MT SW846 7471B																					
Mercury, Total, CVAA	0.112		0.0041	0.041	mg/Kg	0.023	<RDL,J	0.0031	0.0313	mg/Kg	0.02	<RDL	0.0029	0.0291	mg/Kg						
OR EPA 3550B/8270C (7-3-01-004)																					
1,2,4-Trichlorobenzene		<MDL	0.17	0.332	ug/Kg		<MDL	0.13	0.251	ug/Kg		<MDL	0.12	0.236	ug/Kg						
1,2-Dichlorobenzene		<MDL	0.33	0.663	ug/Kg		<MDL	0.25	0.503	ug/Kg		<MDL	0.24	0.472	ug/Kg						
1,3-Dichlorobenzene		<MDL	0.33	0.663	ug/Kg		<MDL	0.25	0.503	ug/Kg		<MDL	0.24	0.472	ug/Kg						
1,4-Dichlorobenzene	3.55		0.33	0.663	ug/Kg		<MDL	0.25	0.503	ug/Kg		<MDL	0.24	0.472	ug/Kg						
2,4-Dimethylphenol		<MDL	1.7	3.32	ug/Kg		<MDL	1.3	2.51	ug/Kg		<MDL	1.2	2.36	ug/Kg						
2-Methylnaphthalene	5.8	<RDL	3.3	6.63	ug/Kg	3.9	<RDL	2.5	5.03	ug/Kg		<MDL	2.4	4.72	ug/Kg						
2-Methylphenol		<MDL	3.3	6.63	ug/Kg		<MDL	2.5	5.03	ug/Kg		<MDL	2.4	4.72	ug/Kg						
4-Methylphenol		<MDL	6.6	13.3	ug/Kg		<MDL	5	10.1	ug/Kg		<MDL	4.7	9.43	ug/Kg						
Acenaphthene	9.14		3.3	6.63	ug/Kg	15.1		2.5	5.03	ug/Kg		<MDL	2.4	4.72	ug/Kg						
Acenaphthylene	4.6	<RDL	3.3	6.63	ug/Kg		<MDL	2.5	5.03	ug/Kg		<MDL	2.4	4.72	ug/Kg						
Anthracene	70.5		3.3	6.63	ug/Kg	43.3		2.5	5.03	ug/Kg	4.5	<RDL	2.4	4.72	ug/Kg						
Benzo(a)anthracene	159		3.3	6.63	ug/Kg	87.7		2.5	5.03	ug/Kg	10.6		2.4	4.72	ug/Kg						
Benzo(a)pyrene	138		3.3	6.63	ug/Kg	70.1		2.5	5.03	ug/Kg	13.7		2.4	4.72	ug/Kg						
Benzo(b)fluoranthene	169		3.3	6.63	ug/Kg	71.5		2.5	5.03	ug/Kg	18.5		2.4	4.72	ug/Kg						
Benzo(g,h,i)perylene	99.2		3.3	6.63	ug/Kg	37.2		2.5	5.03	ug/Kg	8.44		2.4	4.72	ug/Kg						
Benzo(k)fluoranthene	143		3.3	6.63	ug/Kg	70.7		2.5	5.03	ug/Kg	14.6		2.4	4.72	ug/Kg						
Benzoic Acid	192		17	33.2	ug/Kg	118		13	25.1	ug/Kg	84.2		12	23.6	ug/Kg						
Benzyl Alcohol		<MDL	3.3	6.63	ug/Kg		<MDL	2.5	5.03	ug/Kg		<MDL	2.4	4.72	ug/Kg						
Benzyl Butyl Phthalate	42.5	B2	1.7	3.32	ug/Kg	7.29	B	1.3	2.51	ug/Kg	11.5	B	1.2	2.36	ug/Kg						
Bis(2-Ethylhexyl)Phthalate	620		6.6	13.3	ug/Kg	58.5	B	5	10.1	ug/Kg	51.5	B	4.7	9.43	ug/Kg						
Caffeine		<MDL	6.6	13.3	ug/Kg		<MDL	5	10.1	ug/Kg		<MDL	4.7	9.43	ug/Kg						
Carbazole	29.5		3.3	6.63	ug/Kg	25.1		2.5	5.03	ug/Kg		<MDL	2.4	4.72	ug/Kg						
Chrysene	189		3.3	6.63	ug/Kg	86.1		2.5	5.03	ug/Kg	17		2.4	4.72	ug/Kg						
Coprostanol		<MDL	66	133	ug/Kg		<MDL	50	101	ug/Kg		<MDL	47	94.3	ug/Kg						
Di-N-Butyl Phthalate	25.9	B	6.6	13.3	ug/Kg	14.9	B	5	10.1	ug/Kg	11.4	B	4.7	9.43	ug/Kg						
Di-N-Octyl Phthalate		<MDL	6.6	13.3	ug/Kg		<MDL	5	10.1	ug/Kg		<MDL	4.7	9.43	ug/Kg						
Dibenzo(a,h)anthracene	37.5		3.3	6.63	ug/Kg	16.6		2.5	5.03	ug/Kg	3.5	<RDL	2.4	4.72	ug/Kg						
Dibenzofuran	7.71		3.3	6.63	ug/Kg	7.99		2.5	5.03	ug/Kg		<MDL	2.4	4.72	ug/Kg						
Diethyl Phthalate		<MDL	6.6	13.3	ug/Kg		<MDL	5	10.1	ug/Kg		<MDL	4.7	9.43	ug/Kg						
Dimethyl Phthalate	51.2		6.6	13.3	ug/Kg		<MDL	5	10.1	ug/Kg		<MDL	4.7	9.43	ug/Kg						
Fluoranthene	308		3.3	6.63	ug/Kg	206		2.5	5.03	ug/Kg	23.8		2.4	4.72	ug/Kg						
Fluorene	15.3		3.3	6.63	ug/Kg	14.9		2.5	5.03	ug/Kg	2.6	<RDL	2.4	4.72	ug/Kg						
Hexachlorobenzene		<MDL	0.17	0.332	ug/Kg		<MDL	0.13	0.251	ug/Kg		<MDL	0.12	0.236	ug/Kg						
Hexachlorobutadiene		<MDL	0.83	1.66	ug/Kg		<MDL	0.63	1.26	ug/Kg		<MDL	0.59	1.18	ug/Kg						
Hexachloroethane		<MDL	1.7	3.32	ug/Kg		<MDL	1.3	2.51	ug/Kg		<MDL	1.2	2.36	ug/Kg						
Indeno(1,2,3-Cd)Pyrene	85.9		3.3	6.63	ug/Kg	38.2		2.5	5.03	ug/Kg	8.25		2.4	4.72	ug/Kg						
N-Nitrosodiphenylamine		<MDL	6.6	13.3	ug/Kg		<MDL	5	10.1	ug/Kg		<MDL	4.7	9.43	ug/Kg						

King County Environmental Lab Analytical Report

Project:	423062-100-4	423062-100-4	423062-100-4
Locator:	DUD_4A	DUD_5A	DUD_5A
Descrip:	CLEANUP AREA A MON	CLEANUP AREA A MON	CLEANUP AREA A MON
Sample:	L47890-4	L47890-5	L47890-6
Matrix:	SF SALTWTRSED	SF SALTWTRSED	SF SALTWTRSED
ColDate:	4/28/09 9:45	4/28/09 10:02	4/28/09 10:22
TimeSpan:			
TotalSolid:	60.3	79.6	84.8
ClientLoc:			
SampDepth:	7	9	9
	DRY Weight Basis	**DRY Weight Basis**	**DRY Weight Basis**

Parameters	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
Naphthalene	65.7		3.3	6.63	ug/Kg		<MDL	2.5	5.03	ug/Kg		<MDL	2.4	4.72	ug/Kg
Pentachlorophenol		<MDL	17	33.2	ug/Kg		<MDL	13	25.1	ug/Kg		<MDL	12	23.6	ug/Kg
Phenanthrene	132		3.3	6.63	ug/Kg	148		2.5	5.03	ug/Kg	9.81		2.4	4.72	ug/Kg
Phenol	32.5		6.6	13.3	ug/Kg	17.3		5	10.1	ug/Kg	57.1		4.7	9.43	ug/Kg
Pyrene	332	JG	3.3	6.63	ug/Kg	193	JG	2.5	5.03	ug/Kg	24.1	JG	2.4	4.72	ug/Kg
Total 4-Nonylphenol	342		8.3	16.6	ug/Kg		<MDL	6.3	12.6	ug/Kg		<MDL	5.9	11.8	ug/Kg
Total HPAHS	1660		3.3	6.63	ug/Kg	877		2.5	5.03	ug/Kg	143		2.4	4.72	ug/Kg
Total LPAHs	302		3.3	6.63	ug/Kg	229		2.5	5.03	ug/Kg	20.5		2.4	4.72	ug/Kg
OR SW846 3550B*SW846 8081B															
4,4'-DDD*		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg
4,4'-DDE*		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg
4,4'-DDT*		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg
Aldrin		<MDL	1.1	2.21	ug/Kg		<MDL	0.84	1.67	ug/Kg		<MDL	0.79	1.57	ug/Kg
Alpha-BHC		<MDL	0.55	1.11	ug/Kg		<MDL	0.41	0.838	ug/Kg		<MDL	0.39	0.787	ug/Kg
Alpha-Chlordane		<MDL	0.55	1.11	ug/Kg		<MDL	0.41	0.838	ug/Kg		<MDL	0.39	0.787	ug/Kg
Beta-BHC		<MDL	0.55	1.11	ug/Kg		<MDL	0.41	0.838	ug/Kg		<MDL	0.39	0.787	ug/Kg
Delta-BHC		<MDL	0.55	1.11	ug/Kg		<MDL	0.41	0.838	ug/Kg		<MDL	0.39	0.787	ug/Kg
Dieldrin		<MDL	1.1	2.21	ug/Kg		<MDL	0.84	1.67	ug/Kg		<MDL	0.79	1.57	ug/Kg
Endosulfan I		<MDL	1.1	2.21	ug/Kg		<MDL	0.84	1.67	ug/Kg		<MDL	0.79	1.57	ug/Kg
Endosulfan II		<MDL	1.1	2.21	ug/Kg		<MDL	0.84	1.67	ug/Kg		<MDL	0.79	1.57	ug/Kg
Endosulfan Sulfate		<MDL	1.1	2.21	ug/Kg		<MDL	0.84	1.67	ug/Kg		<MDL	0.79	1.57	ug/Kg
Endrin		<MDL	1.1	2.21	ug/Kg		<MDL	0.84	1.67	ug/Kg		<MDL	0.79	1.57	ug/Kg
Endrin Aldehyde		<MDL	1.1	2.21	ug/Kg		<MDL	0.84	1.67	ug/Kg		<MDL	0.79	1.57	ug/Kg
Gamma-BHC (Lindane)		<MDL	0.55	1.11	ug/Kg		<MDL	0.41	0.838	ug/Kg		<MDL	0.39	0.787	ug/Kg
Gamma-Chlordane		<MDL	0.55	1.11	ug/Kg		<MDL	0.41	0.838	ug/Kg		<MDL	0.39	0.787	ug/Kg
Heptachlor		<MDL	0.55	1.11	ug/Kg		<MDL	0.41	0.838	ug/Kg		<MDL	0.39	0.787	ug/Kg
Heptachlor Epoxide		<MDL	0.55	1.11	ug/Kg		<MDL	0.41	0.838	ug/Kg		<MDL	0.39	0.787	ug/Kg
Methoxychlor		<MDL	5.5	11.1	ug/Kg		<MDL	4.1	8.38	ug/Kg		<MDL	3.9	7.87	ug/Kg
Toxaphene		<MDL	11	22.1	ug/Kg		<MDL	8.4	16.7	ug/Kg		<MDL	7.9	15.7	ug/Kg
OR SW846 3550B*SW846 8082A															
Aroclor 1016		<MDL,TA	6.3	12.7	ug/Kg		<MDL	1	2.1	ug/Kg		<MDL	0.98	1.97	ug/Kg
Aroclor 1221		<MDL	2.8	5.52	ug/Kg		<MDL	2.1	4.18	ug/Kg		<MDL	2	3.93	ug/Kg
Aroclor 1232		<MDL,TA	12	23.9	ug/Kg		<MDL	2.1	4.18	ug/Kg		<MDL	2	3.93	ug/Kg
Aroclor 1242		<MDL,TA	9.3	18.7	ug/Kg		<MDL,TA	1.9	3.68	ug/Kg		<MDL,TA	2.9	5.98	ug/Kg
Aroclor 1248	12.8		1.4	2.77	ug/Kg	2.39		1	2.1	ug/Kg	2.71		0.98	1.97	ug/Kg
Aroclor 1254	29		1.4	2.77	ug/Kg	5.38		1	2.1	ug/Kg	4.88		0.98	1.97	ug/Kg
Aroclor 1260	11	JG	1.4	2.77	ug/Kg	2.8	JG	1	2.1	ug/Kg	2.22	JG	0.98	1.97	ug/Kg
Total Aroclors	52.7		1.4	2.77	ug/Kg	10.6		1	2.1	ug/Kg	9.81		0.98	1.97	ug/Kg

* Not converted to dry weight basis

King County Environmental Lab Analytical Report

Project:	423062-100-4					Project:	423062-100-4					Project:	423062-100-4								
Locator:	DUD_1B					Locator:	DUD_2B					Locator:	DUD_3B								
Descrip:	CLEANUP AREA A MON					Descrip:	CLEANUP AREA A MON					Descrip:	CLEANUP AREA A MON								
Sample:	L47890-7					Sample:	L47890-8					Sample:	L47890-9								
Matrix:	SF SALTWTRSED					Matrix:	SF SALTWTRSED					Matrix:	SF SALTWTRSED								
ColDate:	4/27/09 14:25					ColDate:	4/27/09 14:50					ColDate:	4/27/09 15:15								
TimeSpan:						TimeSpan:						TimeSpan:									
TotalSolid:	46.4					TotalSolid:	40.9					TotalSolid:	40.9								
ClientLoc:						ClientLoc:						ClientLoc:									
SampDepth:	8					SampDepth:	5					SampDepth:	5								
DRY Weight Basis						**DRY Weight Basis**						**DRY Weight Basis**									
Parameters	**Value**	**Qual**	**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**		**Value**	**Qual**	**MDL**	**RDL**	**Units**					
M=CV ASTM D422																					
Clay*	25.1		1	2.09	%	31.2		1.2	2.4	%		31.9		1.2	2.46	%					
Fines*	76.2		1	2.09	%	87.5		1.2	2.4	%		93.4		1.2	2.46	%					
Gravel*	0.3	<RDL	0.21	2.09	%	1.4		0.24	2.4	%		0.3	<RDL	0.25	2.46	%					
Sand*	14.7		0.21	2.09	%	3.4		0.24	2.4	%		2.7		0.25	2.46	%					
Silt*	51.2		1	2.09	%	56.3		1.2	2.4	%		61.4		1.2	2.46	%					
p+0.00*		<MDL	0.21	2.09	%		<MDL	0.24	2.4	%			<MDL	0.25	2.46	%					
p+1.00*	0.4	<RDL	0.21	2.09	%		<MDL	0.24	2.4	%			<MDL	0.25	2.46	%					
p+10.0(equal/more than)*	14.6		1	2.09	%	19.2		1.2	2.4	%		19.7		1.2	2.46	%					
p+2.00*	3.3		0.21	2.09	%	0.9	<RDL	0.24	2.4	%			<MDL	0.25	2.46	%					
p+3.00*	5.8		0.21	2.09	%	2		0.24	2.4	%		0.5	<RDL	0.25	2.46	%					
p+4.00*	5.2		0.21	2.09	%	0.5	<RDL	0.24	2.4	%		2.2		0.25	2.46	%					
p+5.00*	6.3		1	2.09	%	4.8		1.2	2.4	%		8.6		1.2	2.46	%					
p+6.00*	16.7		1	2.09	%	19.2		1.2	2.4	%		20.9		1.2	2.46	%					
p+7.00*	14.6		1	2.09	%	16.8		1.2	2.4	%		16		1.2	2.46	%					
p+8.00*	13.6		1	2.09	%	15.6		1.2	2.4	%		16		1.2	2.46	%					
p+9.00*	10.4		1	2.09	%	12		1.2	2.4	%		12.3		1.2	2.46	%					
p-1.00*		<MDL	0.21	2.09	%		<MDL	0.24	2.4	%			<MDL	0.25	2.46	%					
p-2.00*	0.3	<RDL	0.21	2.09	%		<MDL	0.24	2.4	%		0.3	<RDL	0.25	2.46	%					
p-2.00(less than)*		<MDL	0.21	2.09	%	1.4		0.24	2.4	%			<MDL	0.25	2.46	%					
CV SW846 9060-PSEP96																					
Total Organic Carbon	18100		1800	3660	mg/Kg	18100		2000	3990	mg/Kg		17700		1900	3690	mg/Kg					
M=CV SM2540-G																					
Total Solids*	46.4		0.005	0.01	%	40.9		0.005	0.01	%		40.9		0.005	0.01	%					
M=ES NONE																					
Field Personnel*	JD,JO,JeneeC,JB				none	JD,JO,JeneeC,JB				none		JD,JO,JeneeC,JB				none					
Sampcoordx1*	1267058				ft	1267076				ft		1267049				ft					
Sampcoordx2*	1267057				ft	1267087				ft		1267053				ft					
Sampcoordx3*																					
Sampcoordy1*	208483				ft	208621				ft		208716				ft					
Sampcoordy2*	208487				ft	208619				ft		208713				ft					
Sampcoordy3*																					
Sample Depth*	8				m	5				m		5				m					
Sampling Method*	20143				none	20143				none		20143				none					
Sediment Sampling Depth*	16				cm	13				cm		15				cm					
Sediment Sampling Range*					cm					cm						cm					
Sediment Type*	20N20				none	20N20				none		20N30				none					
Tidal Condition*	F				none	F				none		F				none					
Tide Height*	-1.5				ft	-1				ft		0.5				ft					
Sample Function*																					
MT SW846 3050B*SW846 6010C																					
Aluminum, Total, ICP	26100		11	52.6	mg/Kg	31500		13	63.6	mg/Kg		32300		12	59.2	mg/Kg					
Antimony, Total, ICP		<MDL,JG	1.6	7.91	mg/Kg		<MDL,JG	1.9	9.56	mg/Kg			<MDL,JG	1.8	8.88	mg/Kg					
Arsenic, Total, ICP	11	<RDL	2.6	13.2	mg/Kg	12	<RDL	3.2	15.9	mg/Kg		12	<RDL	2.9	14.8	mg/Kg					
Beryllium, Total, ICP	0.554		0.11	0.526	mg/Kg	0.643		0.13	0.636	mg/Kg		0.655		0.12	0.592	mg/Kg					
Cadmium, Total, ICP	0.45	<RDL	0.21	1.05	mg/Kg	0.44	<RDL	0.24	1.27	mg/Kg		0.42	<RDL	0.24	1.18	mg/Kg					
Chromium, Total, ICP	28.9		0.32	1.58	mg/Kg	32		0.39	1.91	mg/Kg		28.6		0.37	1.78	mg/Kg					
Copper, Total, ICP	60.8		0.43	2.11	mg/Kg	62.3		0.51	2.54	mg/Kg		56		0.46	2.37	mg/Kg					

King County Environmental Lab Analytical Report

Project:	423062-100-4					Project:	423062-100-4					Project:	423062-100-4			
Locator:	DUD_1B					Locator:	DUD_2B					Locator:	DUD_3B			
Descrip:	CLEANUP AREA A MON					Descrip:	CLEANUP AREA A MON					Descrip:	CLEANUP AREA A MON			
Sample:	L47890-7					Sample:	L47890-8					Sample:	L47890-9			
Matrix:	SF SALTWTRSED					Matrix:	SF SALTWTRSED					Matrix:	SF SALTWTRSED			
ColDate:	4/27/09 14:25					ColDate:	4/27/09 14:50					ColDate:	4/27/09 15:15			
TimeSpan:						TimeSpan:						TimeSpan:				
TotalSolid:	46.4					TotalSolid:	40.9					TotalSolid:	40.9			
ClientLoc:						ClientLoc:						ClientLoc:				
SampDepth:	8					SampDepth:	5					SampDepth:	5			
DRY Weight Basis						**DRY Weight Basis**						**DRY Weight Basis**				
Parameters	**Value**	**Qual**	**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**
Iron, Total, ICP	34300		5.2	26.3	mg/Kg	40300		6.4	31.8	mg/Kg	40100		5.9	29.6	mg/Kg
Lead, Total, ICP	22.6		2.1	10.5	mg/Kg	20.9		2.4	12.7	mg/Kg	15.7		2.4	11.8	mg/Kg
Manganese, Total, ICP	386		0.21	1.05	mg/Kg	501		0.24	1.27	mg/Kg	474		0.24	1.18	mg/Kg
Nickel, Total, ICP	25.9		0.52	2.63	mg/Kg	29.6		0.64	3.18	mg/Kg	27.1		0.59	2.96	mg/Kg
Selenium, Total, ICP		<MDL	2.6	13.2	mg/Kg		<MDL	3.2	15.9	mg/Kg		<MDL	2.9	14.8	mg/Kg
Silver, Total, ICP		<MDL	0.43	2.11	mg/Kg		<MDL	0.51	2.54	mg/Kg		<MDL	0.46	2.37	mg/Kg
Thallium, Total, ICP		<MDL	4.3	21.1	mg/Kg		<MDL	5.1	25.4	mg/Kg		<MDL	4.6	23.7	mg/Kg
Zinc, Total, ICP	96.8		0.52	2.63	mg/Kg	101		0.64	3.18	mg/Kg	90.7		0.59	2.96	mg/Kg
MT SW846 7471B															
Mercury, Total, CVAA	0.164		0.0054	0.0545	mg/Kg	0.163		0.0061	0.0609	mg/Kg	0.135		0.0061	0.0611	mg/Kg
OR EPA 3550B/8270C (7-3-01-004)															
1,2,4-Trichlorobenzene		<MDL	0.22	0.431	ug/Kg		<MDL	0.24	0.489	ug/Kg		<MDL	0.24	0.489	ug/Kg
1,2-Dichlorobenzene		<MDL	0.43	0.862	ug/Kg		<MDL	0.49	0.978	ug/Kg		<MDL	0.49	0.978	ug/Kg
1,3-Dichlorobenzene		<MDL	0.43	0.862	ug/Kg		<MDL	0.49	0.978	ug/Kg		<MDL	0.49	0.978	ug/Kg
1,4-Dichlorobenzene		<MDL	0.43	0.862	ug/Kg		<MDL	0.49	0.978	ug/Kg		<MDL	0.49	0.978	ug/Kg
2,4-Dimethylphenol		<MDL	2.2	4.31	ug/Kg		<MDL	2.4	4.89	ug/Kg		<MDL	2.4	4.89	ug/Kg
2-Methylnaphthalene	5.2	<RDL	4.3	8.62	ug/Kg	5.9	<RDL	4.9	9.78	ug/Kg	12.1		4.9	9.78	ug/Kg
2-Methylphenol		<MDL	4.3	8.62	ug/Kg		<MDL	4.9	9.78	ug/Kg		<MDL	4.9	9.78	ug/Kg
4-Methylphenol		<MDL	8.6	17.2	ug/Kg		<MDL	9.8	19.6	ug/Kg		<MDL	9.8	19.6	ug/Kg
Acenaphthene	4.5	<RDL	4.3	8.62	ug/Kg	5.1	<RDL	4.9	9.78	ug/Kg	7.3	<RDL	4.9	9.78	ug/Kg
Acenaphthylene	5.8	<RDL	4.3	8.62	ug/Kg		<MDL	4.9	9.78	ug/Kg		<MDL	4.9	9.78	ug/Kg
Anthracene	34.7		4.3	8.62	ug/Kg	33.3		4.9	9.78	ug/Kg	20		4.9	9.78	ug/Kg
Benzo(a)anthracene	87.3		4.3	8.62	ug/Kg	95.4		4.9	9.78	ug/Kg	49.4		4.9	9.78	ug/Kg
Benzo(a)pyrene	80		4.3	8.62	ug/Kg	87.3		4.9	9.78	ug/Kg	49.9		4.9	9.78	ug/Kg
Benzo(b)fluoranthene	112		4.3	8.62	ug/Kg	105		4.9	9.78	ug/Kg	66.5		4.9	9.78	ug/Kg
Benzo(g,h,i)perylene	52.8		4.3	8.62	ug/Kg	57.2		4.9	9.78	ug/Kg	31.1		4.9	9.78	ug/Kg
Benzo(k)fluoranthene	101		4.3	8.62	ug/Kg	111		4.9	9.78	ug/Kg	69.4		4.9	9.78	ug/Kg
Benzoic Acid	182		22	43.1	ug/Kg	249		24	48.9	ug/Kg	320		24	48.9	ug/Kg
Benzyl Alcohol		<MDL	4.3	8.62	ug/Kg		<MDL	4.9	9.78	ug/Kg		<MDL	4.9	9.78	ug/Kg
Benzyl Butyl Phthalate	25	B	2.2	4.31	ug/Kg	38.1	B	2.4	4.89	ug/Kg	42.1	B	2.4	4.89	ug/Kg
Bis(2-Ethylhexyl)Phthalate	269		8.6	17.2	ug/Kg	301		9.8	19.6	ug/Kg	303		9.8	19.6	ug/Kg
Caffeine		<MDL	8.6	17.2	ug/Kg		<MDL	9.8	19.6	ug/Kg		<MDL	9.8	19.6	ug/Kg
Carbazole	18.3		4.3	8.62	ug/Kg	10.9		4.9	9.78	ug/Kg	10.9		4.9	9.78	ug/Kg
Chrysene	122		4.3	8.62	ug/Kg	127		4.9	9.78	ug/Kg	70.2		4.9	9.78	ug/Kg
Coprostanol		<MDL	86	172	ug/Kg		<MDL	98	196	ug/Kg		<MDL	98	196	ug/Kg
Di-N-Butyl Phthalate	28.2	B	8.6	17.2	ug/Kg	30.8	B	9.8	19.6	ug/Kg	35.5	B	9.8	19.6	ug/Kg
Di-N-Octyl Phthalate		<MDL	8.6	17.2	ug/Kg		<MDL	9.8	19.6	ug/Kg		<MDL	9.8	19.6	ug/Kg
Dibenzo(a,h)anthracene	20.6		4.3	8.62	ug/Kg	23.1		4.9	9.78	ug/Kg	12.5		4.9	9.78	ug/Kg
Dibenzofuran	5.8	<RDL	4.3	8.62	ug/Kg	6.4	<RDL	4.9	9.78	ug/Kg	9.5	<RDL	4.9	9.78	ug/Kg
Diethyl Phthalate		<MDL	8.6	17.2	ug/Kg		<MDL	9.8	19.6	ug/Kg		<MDL	9.8	19.6	ug/Kg
Dimethyl Phthalate		<MDL	8.6	17.2	ug/Kg		<MDL	9.8	19.6	ug/Kg		<MDL	9.8	19.6	ug/Kg
Fluoranthene	175		4.3	8.62	ug/Kg	175		4.9	9.78	ug/Kg	133		4.9	9.78	ug/Kg
Fluorene	11.6		4.3	8.62	ug/Kg	12.2		4.9	9.78	ug/Kg	13.1		4.9	9.78	ug/Kg
Hexachlorobenzene		<MDL	0.22	0.431	ug/Kg		<MDL	0.24	0.489	ug/Kg		<MDL	0.24	0.489	ug/Kg
Hexachlorobutadiene		<MDL	1.1	2.16	ug/Kg		<MDL	1.2	2.44	ug/Kg		<MDL	1.2	2.44	ug/Kg
Hexachloroethane		<MDL	2.2	4.31	ug/Kg		<MDL	2.4	4.89	ug/Kg		<MDL	2.4	4.89	ug/Kg
Indeno(1,2,3-Cd)Pyrene	49.1		4.3	8.62	ug/Kg	53.3		4.9	9.78	ug/Kg	29.8		4.9	9.78	ug/Kg
N-Nitrosodiphenylamine		<MDL	8.6	17.2	ug/Kg		<MDL	9.8	19.6	ug/Kg		<MDL	9.8	19.6	ug/Kg

King County Environmental Lab Analytical Report

Project:	423062-100-4					Project:	423062-100-4					Project:	423062-100-4			
Locator:	DUD_1B					Locator:	DUD_2B					Locator:	DUD_3B			
Descrip:	CLEANUP AREA A MON					Descrip:	CLEANUP AREA A MON					Descrip:	CLEANUP AREA A MON			
Sample:	L47890-7					Sample:	L47890-8					Sample:	L47890-9			
Matrix:	SF SALTWTRSED					Matrix:	SF SALTWTRSED					Matrix:	SF SALTWTRSED			
ColDate:	4/27/09 14:25					ColDate:	4/27/09 14:50					ColDate:	4/27/09 15:15			
TimeSpan:						TimeSpan:						TimeSpan:				
TotalSolid:	46.4					TotalSolid:	40.9					TotalSolid:	40.9			
ClientLoc:						ClientLoc:						ClientLoc:				
SampDepth:	8					SampDepth:	5					SampDepth:	5			
DRY Weight Basis						**DRY Weight Basis**						**DRY Weight Basis**				
Parameters	**Value**	**Qual**	**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**
Naphthalene		<MDL	4.3	8.62	ug/Kg	7.6	<RDL	4.9	9.78	ug/Kg	7.3	<RDL	4.9	9.78	ug/Kg
Pentachlorophenol		<MDL	22	43.1	ug/Kg		<MDL	24	48.9	ug/Kg		<MDL	24	48.9	ug/Kg
Phenanthrene	61		4.3	8.62	ug/Kg	61.1		4.9	9.78	ug/Kg	81.4		4.9	9.78	ug/Kg
Phenol		<MDL	8.6	17.2	ug/Kg		<MDL	9.8	19.6	ug/Kg		<MDL	9.8	19.6	ug/Kg
Pyrene	172	JG	4.3	8.62	ug/Kg	171	JG	4.9	9.78	ug/Kg	126	JG	4.9	9.78	ug/Kg
Total 4-Nonylphenol		<MDL	11	21.6	ug/Kg		<MDL	12	24.4	ug/Kg		<MDL	12	24.4	ug/Kg
Total HPAHS	972		4.3	8.62	ug/Kg	1000		4.9	9.78	ug/Kg	638		4.9	9.78	ug/Kg
Total LPAHs	127		4.3	8.62	ug/Kg	129		4.9	9.78	ug/Kg	145		4.9	9.78	ug/Kg
OR SW846 3550B*SW846 8081B															
4,4'-DDD*		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg
4,4'-DDE*		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg
4,4'-DDT*		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg
Aldrin		<MDL	1.4	2.87	ug/Kg		<MDL	1.6	3.25	ug/Kg		<MDL	1.6	3.25	ug/Kg
Alpha-BHC		<MDL	0.71	1.44	ug/Kg		<MDL	0.81	1.63	ug/Kg		<MDL	0.81	1.63	ug/Kg
Alpha-Chlordane		<MDL	0.71	1.44	ug/Kg		<MDL	0.81	1.63	ug/Kg		<MDL	0.81	1.63	ug/Kg
Beta-BHC		<MDL	0.71	1.44	ug/Kg		<MDL	0.81	1.63	ug/Kg		<MDL	0.81	1.63	ug/Kg
Delta-BHC		<MDL	0.71	1.44	ug/Kg		<MDL	0.81	1.63	ug/Kg		<MDL	0.81	1.63	ug/Kg
Dieldrin		<MDL	1.4	2.87	ug/Kg		<MDL	1.6	3.25	ug/Kg		<MDL	1.6	3.25	ug/Kg
Endosulfan I		<MDL	1.4	2.87	ug/Kg		<MDL	1.6	3.25	ug/Kg		<MDL	1.6	3.25	ug/Kg
Endosulfan II		<MDL	1.4	2.87	ug/Kg		<MDL	1.6	3.25	ug/Kg		<MDL	1.6	3.25	ug/Kg
Endosulfan Sulfate		<MDL	1.4	2.87	ug/Kg		<MDL	1.6	3.25	ug/Kg		<MDL	1.6	3.25	ug/Kg
Endrin		<MDL	1.4	2.87	ug/Kg		<MDL	1.6	3.25	ug/Kg		<MDL	1.6	3.25	ug/Kg
Endrin Aldehyde		<MDL	1.4	2.87	ug/Kg		<MDL	1.6	3.25	ug/Kg		<MDL	1.6	3.25	ug/Kg
Gamma-BHC (Lindane)		<MDL	0.71	1.44	ug/Kg		<MDL	0.81	1.63	ug/Kg		<MDL	0.81	1.63	ug/Kg
Gamma-Chlordane		<MDL	0.71	1.44	ug/Kg		<MDL	0.81	1.63	ug/Kg		<MDL	0.81	1.63	ug/Kg
Heptachlor		<MDL	0.71	1.44	ug/Kg		<MDL	0.81	1.63	ug/Kg		<MDL	0.81	1.63	ug/Kg
Heptachlor Epoxide		<MDL	0.71	1.44	ug/Kg		<MDL	0.81	1.63	ug/Kg		<MDL	0.81	1.63	ug/Kg
Methoxychlor		<MDL	7.1	14.4	ug/Kg		<MDL	8.1	16.3	ug/Kg		<MDL	8.1	16.3	ug/Kg
Toxaphene		<MDL	14	28.7	ug/Kg		<MDL	16	32.5	ug/Kg		<MDL	16	32.5	ug/Kg
OR SW846 3550B*SW846 8082A															
Aroclor 1016		<MDL,TA	5.8	11.8	ug/Kg		<MDL,TA	5.6	11.4	ug/Kg		<MDL,TA	2.9	5.87	ug/Kg
Aroclor 1221		<MDL	3.7	7.18	ug/Kg		<MDL	4.2	8.14	ug/Kg		<MDL	4.2	8.14	ug/Kg
Aroclor 1232		<MDL,TA	12	24.6	ug/Kg		<MDL,TA	13	27.1	ug/Kg		<MDL	4.2	8.14	ug/Kg
Aroclor 1242		<MDL,TA	8.8	17.5	ug/Kg		<MDL,TA	7.6	15.3	ug/Kg		<MDL,TA	5.6	11.2	ug/Kg
Aroclor 1248	15.3		1.8	3.6	ug/Kg	11.6		2	4.08	ug/Kg	5.48		2	4.08	ug/Kg
Aroclor 1254	31.9		1.8	3.6	ug/Kg	23.9		2	4.08	ug/Kg	10.6		2	4.08	ug/Kg
Aroclor 1260	10.7	JG	1.8	3.6	ug/Kg	9.22	JG	2	4.08	ug/Kg	5.72	JG	2	4.08	ug/Kg
Total Aroclors	58		1.8	3.6	ug/Kg	44.7		2	4.08	ug/Kg	21.8		2	4.08	ug/Kg
* Not converted to dry weight basis															

Appendix C3 – ENR 2008

King County Environmental Lab Analytical Report

PROJECT: 423062-200-4

Locator:	DUD_3C					DUD_4C					DUD_4C					DUD_5C				
Descrip:	CLEANUP AREA PERIM					CLEANUP AREA PERIM					CLEANUP AREA PERIM					CLEANUP AREA PERIM				
Sampled:	03/25/08 11:15:00 AM					03/25/08 11:30:00 AM					03/25/08 11:40:00 AM					03/25/08 12:00:00 PM				
Lab ID:	L45303-1					L45303-2					L45303-3					L45303-4				
Matrix:	SALTWTRSED					SALTWTRSED					SALTWTRSED					SALTWTRSED				
% Solids:	63.2					81.9					79.5					74.5				
Parameters	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
			- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis		
COMBINED LABS																				
M=CV ASTM D422(318V1)																				
Clay *	14.4		0.76	1.51	%	4.2		0.61	1.21	%	4.9		0.61	1.22	%	5.1		0.64	1.27	%
Dry Weight Factor	2.4					1.5					1.5					1.7				
Fines *	36.3		0.76	1.51	%	7.3		0.61	1.21	%	9.2		0.61	1.22	%	13.4		0.64	1.27	%
Gravel *	9.6		0.15	1.51	%	44.5		0.12	1.21	%	38.2		0.12	1.22	%	17.4		0.13	1.27	%
p+0.00 *	1.4		0.15	1.51	%	4.3		0.12	1.21	%	4.5		0.12	1.22	%	2.6		0.13	1.27	%
p+1.00 *	3.9		0.15	1.51	%	7.9		0.12	1.21	%	7.4		0.12	1.22	%	6.7		0.13	1.27	%
p+10.0(equal/more than) *	9.1		0.76	1.51	%	3		0.61	1.21	%	3.7		0.61	1.22	%	3.8		0.64	1.27	%
p+2.00 *	20.1		0.15	1.51	%	21.7		0.12	1.21	%	23.7		0.12	1.22	%	33.3		0.13	1.27	%
p+3.00 *	17.7		0.15	1.51	%	12.1		0.12	1.21	%	13.6		0.12	1.22	%	22.3		0.13	1.27	%
p+4.00 *	7.7		0.15	1.51	%	2.4		0.12	1.21	%	2.4		0.12	1.22	%	4.5		0.13	1.27	%
p+5.00 *	6.1		0.76	1.51	%	0.61	<RDL	0.61	1.21	%	1.2		0.61	1.22	%	3.2		0.64	1.27	%
p+6.00 *	5.3		0.76	1.51	%	0.61	<RDL	0.61	1.21	%	0.6	<RDL	0.61	1.22	%	1.3		0.64	1.27	%
p+7.00 *	6.8		0.76	1.51	%	0.61	<RDL	0.61	1.21	%	1.2		0.61	1.22	%	1.9		0.64	1.27	%
p+8.00 *	3.8		0.76	1.51	%	1.2		0.61	1.21	%	1.2		0.61	1.22	%	1.9		0.64	1.27	%
p+9.00 *	5.3		0.76	1.51	%	1.2		0.61	1.21	%	1.2		0.61	1.22	%	1.3		0.64	1.27	%
p-1.00 *	3.3		0.15	1.51	%	17.1		0.12	1.21	%	14.9		0.12	1.22	%	7.5		0.13	1.27	%
p-2.00 *	4.5		0.15	1.51	%	12.5		0.12	1.21	%	9.5		0.12	1.22	%	7.1		0.13	1.27	%
p-2.00(less than) *	1.8		0.15	1.51	%	15		0.12	1.21	%	13.7		0.12	1.22	%	2.8		0.13	1.27	%
Sand *	50.8		0.15	1.51	%	48.6		0.12	1.21	%	51.5		0.12	1.22	%	69.3		0.13	1.27	%
Silt *	21.9		0.76	1.51	%	3		0.61	1.21	%	4.3		0.61	1.22	%	8.3		0.64	1.27	%
M=CV EPA 9060-PSEP96(337V3)																				
Total Organic Carbon	13000	H	2800	5760	mg/Kg	3660	H	1200	2470	mg/Kg	5020	H	2000	4040	mg/Kg	5220	H	1900	3870	mg/Kg
M=CV SM2540-G (307V2)																				
Total Solids *	63.2		0.005	0.01	%	81.9		0.005	0.01	%	79.5		0.005	0.01	%	74.5		0.005	0.01	%
M=ES NONE																				
Field Personnel	JB,CB,CE,JDD				none	JB,CB,CE,JDD				none	JB,CB,CE,JDD				none	JB,CB,CE,JDD				none
Sampcoordx1 *	1267145				ft	1267115				ft	1267115				ft	1267024				ft
Sampcoordy1 *	208145				ft	208237				ft	208240				ft	208265				ft
Sample Depth *	10				m	9				m	9				m	11				m
Sample Function											FREP @ L45303-2				none					
Sampling Method *	20042				none	20042				none	20042				none	20042				none
Sediment Sampling Depth *	13				cm	9				cm	10				cm	8				cm
Sediment Sampling Range *	0-10 cm				cm	0-8 cm				cm	0-9 cm				cm	0-7 cm				cm
Sediment Type	32N30				none	43N30				none	43N30				none	34N30				none
Tidal Condition	E				none	E				none	E				none	E				none
Tide Height *	4				ft	3.5				ft	3.3				ft	3				ft
M=MT CVAA EPA 7471B (604V4)																				
Mercury, Total, CVAA	0.119		0.0076	0.0755	mg/Kg	0.038	<RDL	0.0062	0.0619	mg/Kg	0.059	<RDL	0.0063	0.0623	mg/Kg	0.046	<RDL	0.0067	0.0668	mg/Kg
M=MT ICP EPA3050B/6010C MOD(612V3)																				
Aluminum, Total, ICP	15000		7.9	39.4	mg/Kg	9230		6.1	30.4	mg/Kg	10300		6.3	31.3	mg/Kg	10600		6.7	33.3	mg/Kg
Antimony, Total, ICP		<MDL,G	1.2	5.92	mg/Kg		<MDL,G	0.92	4.57	mg/Kg		<MDL,G	0.94	4.69	mg/Kg		<MDL,G	0.99	4.99	mg/Kg
Arsenic, Total, ICP	9	<RDL	1.9	9.86	mg/Kg	4.3	<RDL	1.5	7.62	mg/Kg	4.8	<RDL	1.5	7.81	mg/Kg	4.7	<RDL	1.6	8.31	mg/Kg
Beryllium, Total, ICP	0.28	<RDL	0.079	0.394	mg/Kg	0.16	<RDL	0.061	0.304	mg/Kg	0.16	<RDL	0.063	0.313	mg/Kg	0.19	<RDL	0.067	0.333	mg/Kg

King County Environmental Lab Analytical Report

PROJECT: 423062-200-4

Locator:	DUD_3C	DUD_4C	DUD_4C	DUD_5C
Descrip:	CLEANUP AREA PERIM	CLEANUP AREA PERIM	CLEANUP AREA PERIM	CLEANUP AREA PERIM
Sampled:	03/25/08 11:15:00 AM	03/25/08 11:30:00 AM	03/25/08 11:40:00 AM	03/25/08 12:00:00 PM
Lab ID:	L45303-1	L45303-2	L45303-3	L45303-4
Matrix:	SALTWTRSED	SALTWTRSED	SALTWTRSED	SALTWTRSED
% Solids:	63.2	81.9	79.5	74.5

Parameters	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
			- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis		
COMBINED LABS																				
Cadmium, Total, ICP	0.3	<RDL	0.16	0.788	mg/Kg	0.16	<RDL	0.12	0.609	mg/Kg	0.23	<RDL	0.12	0.625	mg/Kg	0.16	<RDL	0.13	0.666	mg/Kg
Chromium, Total, ICP	23.9		0.24	1.18	mg/Kg	15.8		0.18	0.913	mg/Kg	17.7		0.19	0.938	mg/Kg	18.7		0.2	0.997	mg/Kg
Copper, Total, ICP	52.2		0.32	1.58	mg/Kg	31.1		0.24	1.22	mg/Kg	35.3		0.25	1.25	mg/Kg	38.5		0.27	1.33	mg/Kg
Iron, Total, ICP	23300		4	19.8	mg/Kg	16600		3.1	15.3	mg/Kg	17100		3.1	15.6	mg/Kg	18700		3.4	16.6	mg/Kg
Lead, Total, ICP	31.3		1.6	7.88	mg/Kg	10.2		1.2	6.09	mg/Kg	12.3		1.2	6.25	mg/Kg	10.8		1.3	6.66	mg/Kg
Manganese, Total, ICP	256		0.16	0.788	mg/Kg	258		0.12	0.609	mg/Kg	219		0.12	0.625	mg/Kg	258		0.13	0.666	mg/Kg
Nickel, Total, ICP	18.8		0.4	1.98	mg/Kg	13.8		0.31	1.53	mg/Kg	14.8		0.31	1.56	mg/Kg	17.2		0.34	1.66	mg/Kg
Selenium, Total, ICP		<MDL	1.9	9.86	mg/Kg		<MDL	1.5	7.62	mg/Kg		<MDL	1.5	7.81	mg/Kg		<MDL	1.6	8.31	mg/Kg
Silver, Total, ICP		<MDL	0.32	1.58	mg/Kg		<MDL	0.24	1.22	mg/Kg		<MDL	0.25	1.25	mg/Kg		<MDL	0.27	1.33	mg/Kg
Thallium, Total, ICP		<MDL	3.2	15.8	mg/Kg		<MDL	2.4	12.2	mg/Kg		<MDL	2.5	12.5	mg/Kg		<MDL	2.7	13.3	mg/Kg
Zinc, Total, ICP	91.3		0.4	1.98	mg/Kg	45.4		0.31	1.53	mg/Kg	48.9		0.31	1.56	mg/Kg	54.5		0.34	1.66	mg/Kg
M=OR EPA 3550B/8270C (7-3-01-004)																				
1,2,4-Trichlorobenzene	0.28	<RDL	0.16	0.316	ug/Kg		<MDL	0.12	0.244	ug/Kg		<MDL	0.13	0.252	ug/Kg		<MDL	0.13	0.268	ug/Kg
1,2-Dichlorobenzene		<MDL	0.32	0.633	ug/Kg		<MDL	0.24	0.488	ug/Kg		<MDL	0.25	0.503	ug/Kg		<MDL	0.27	0.537	ug/Kg
1,3-Dichlorobenzene		<MDL	0.32	0.633	ug/Kg		<MDL	0.24	0.488	ug/Kg		<MDL	0.25	0.503	ug/Kg		<MDL	0.27	0.537	ug/Kg
1,4-Dichlorobenzene	0.94		0.32	0.633	ug/Kg	0.28	<RDL	0.24	0.488	ug/Kg	0.42	<RDL	0.25	0.503	ug/Kg	0.51	<RDL	0.27	0.537	ug/Kg
2,4-Dimethylphenol		<MDL	1.6	3.16	ug/Kg		<MDL	1.2	2.44	ug/Kg		<MDL	1.3	2.52	ug/Kg		<MDL	1.3	2.68	ug/Kg
2-Methylnaphthalene		<MDL	3.2	6.33	ug/Kg		<MDL	2.4	4.88	ug/Kg		<MDL	2.5	5.03	ug/Kg		<MDL	2.7	5.37	ug/Kg
2-Methylphenol		<MDL	3.2	6.33	ug/Kg		<MDL	2.4	4.88	ug/Kg		<MDL	2.5	5.03	ug/Kg		<MDL	2.7	5.37	ug/Kg
4-Methylphenol		<MDL	6.3	12.7	ug/Kg		<MDL	4.9	9.77	ug/Kg		<MDL	5	10.1	ug/Kg		<MDL	5.4	10.7	ug/Kg
Acenaphthene	5.7	<RDL	3.2	6.33	ug/Kg		<MDL	2.4	4.88	ug/Kg		<MDL	2.5	5.03	ug/Kg	3.8	<RDL	2.7	5.37	ug/Kg
Acenaphthylene	6.2	<RDL	3.2	6.33	ug/Kg	2.7	<RDL	2.4	4.88	ug/Kg	3	<RDL	2.5	5.03	ug/Kg	4.6	<RDL	2.7	5.37	ug/Kg
Anthracene	37.3		3.2	6.33	ug/Kg	13.2		2.4	4.88	ug/Kg	21.1		2.5	5.03	ug/Kg	25.2		2.7	5.37	ug/Kg
Benzo(a)anthracene	87.5		3.2	6.33	ug/Kg	33.5		2.4	4.88	ug/Kg	37.4		2.5	5.03	ug/Kg	51.8		2.7	5.37	ug/Kg
Benzo(a)pyrene	99.8		3.2	6.33	ug/Kg	41.5		2.4	4.88	ug/Kg	44.5		2.5	5.03	ug/Kg	58.1		2.7	5.37	ug/Kg
Benzo(b)fluoranthene	136		3.2	6.33	ug/Kg	58.1		2.4	4.88	ug/Kg	56.2		2.5	5.03	ug/Kg	75.7		2.7	5.37	ug/Kg
Benzo(g,h,i)perylene	46.5		3.2	6.33	ug/Kg	18.3		2.4	4.88	ug/Kg	19.1		2.5	5.03	ug/Kg	24.8		2.7	5.37	ug/Kg
Benzo(k)fluoranthene	111		3.2	6.33	ug/Kg	43.6		2.4	4.88	ug/Kg	48.1		2.5	5.03	ug/Kg	65.2		2.7	5.37	ug/Kg
Benzoic Acid	275	B	16	31.6	ug/Kg	241	B	12	24.4	ug/Kg	177	B	13	25.2	ug/Kg	200	B	13	26.8	ug/Kg
Benzyl Alcohol		<MDL	3.2	6.33	ug/Kg		<MDL	2.4	4.88	ug/Kg		<MDL	2.5	5.03	ug/Kg		<MDL	2.7	5.37	ug/Kg
Benzyl Butyl Phthalate	29.7	B	1.6	3.16	ug/Kg	13.3	B	1.2	2.44	ug/Kg	16.2	B	1.3	2.52	ug/Kg	15.7	B	1.3	2.68	ug/Kg
Bis(2-Ethylhexyl)Phthalate	204	B	6.3	12.7	ug/Kg	98.8	B	4.9	9.77	ug/Kg	143	B	5	10.1	ug/Kg	130	B	5.4	10.7	ug/Kg
Caffeine		<MDL	6.3	12.7	ug/Kg		<MDL	4.9	9.77	ug/Kg		<MDL	5	10.1	ug/Kg		<MDL	5.4	10.7	ug/Kg
Carbazole	8.37		3.2	6.33	ug/Kg	3.2	<RDL	2.4	4.88	ug/Kg	4.9	<RDL	2.5	5.03	ug/Kg	7.95		2.7	5.37	ug/Kg
Chrysene	142		3.2	6.33	ug/Kg	55.4		2.4	4.88	ug/Kg	61.3		2.5	5.03	ug/Kg	81.9		2.7	5.37	ug/Kg
Coprostanol		<MDL	63	127	ug/Kg		<MDL	49	97.7	ug/Kg		<MDL	50	101	ug/Kg		<MDL	54	107	ug/Kg
Dibenzo(a,h)anthracene	22.3		3.2	6.33	ug/Kg	5.86		2.4	4.88	ug/Kg	5.42		2.5	5.03	ug/Kg	7.56		2.7	5.37	ug/Kg
Dibenzofuran	5.2	<RDL	3.2	6.33	ug/Kg		<MDL	2.4	4.88	ug/Kg		<MDL	2.5	5.03	ug/Kg	5.7		2.7	5.37	ug/Kg
Diethyl Phthalate	8.4	<RDL	6.3	12.7	ug/Kg	5.6	<RDL	4.9	9.77	ug/Kg	6.8	<RDL	5	10.1	ug/Kg	6.4	<RDL	5.4	10.7	ug/Kg
Dimethyl Phthalate	15.2		6.3	12.7	ug/Kg	10.2		4.9	9.77	ug/Kg		<MDL	5	10.1	ug/Kg		<MDL	5.4	10.7	ug/Kg
Di-N-Butyl Phthalate	15.1	B	6.3	12.7	ug/Kg	7.2	<RDL,B	4.9	9.77	ug/Kg	5.5	<RDL,B	5	10.1	ug/Kg	11.5	B	5.4	10.7	ug/Kg
Di-N-Octyl Phthalate		<MDL	6.3	12.7	ug/Kg		<MDL	4.9	9.77	ug/Kg		<MDL	5	10.1	ug/Kg	31		5.4	10.7	ug/Kg
Fluoranthene	171		3.2	6.33	ug/Kg	57.6		2.4	4.88	ug/Kg	65.4		2.5	5.03	ug/Kg	103		2.7	5.37	ug/Kg
Fluorene	12.6		3.2	6.33	ug/Kg	6.43		2.4	4.88	ug/Kg	7.45		2.5	5.03	ug/Kg	9.97		2.7	5.37	ug/Kg

King County Environmental Lab Analytical Report

PROJECT: 423062-200-4

Locator:	DUD_3C					Locator:	DUD_4C				Locator:	DUD_4C				Locator:	DUD_5C			
Descrip:	CLEANUP AREA PERIM					Descrip:	CLEANUP AREA PERIM				Descrip:	CLEANUP AREA PERIM				Descrip:	CLEANUP AREA PERIM			
Sampled:	03/25/08 11:15:00 AM					Sampled:	03/25/08 11:30:00 AM				Sampled:	03/25/08 11:40:00 AM				Sampled:	03/25/08 12:00:00 PM			
Lab ID:	L45303-1					Lab ID:	L45303-2				Lab ID:	L45303-3				Lab ID:	L45303-4			
Matrix:	SALTWTRSED					Matrix:	SALTWTRSED				Matrix:	SALTWTRSED				Matrix:	SALTWTRSED			
% Solids:	63.2					% Solids:	81.9				% Solids:	79.5				% Solids:	74.5			
Parameters	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
			- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis		
COMBINED LABS																				
Hexachlorobenzene		<MDL	0.16	0.316	ug/Kg		<MDL	0.12	0.244	ug/Kg		<MDL	0.13	0.252	ug/Kg		<MDL	0.13	0.268	ug/Kg
Hexachlorobutadiene		<MDL	0.79	1.58	ug/Kg		<MDL	0.61	1.22	ug/Kg		<MDL	0.63	1.26	ug/Kg		<MDL	0.67	1.34	ug/Kg
Hexachloroethane		<MDL	1.6	3.16	ug/Kg		<MDL	1.2	2.44	ug/Kg		<MDL	1.3	2.52	ug/Kg		<MDL	1.3	2.68	ug/Kg
Indeno(1,2,3-Cd)Pyrene	54.3		3.2	6.33	ug/Kg	22		2.4	4.88	ug/Kg	22.8		2.5	5.03	ug/Kg	29.5		2.7	5.37	ug/Kg
Naphthalene	4.6	<RDL	3.2	6.33	ug/Kg		<MDL	2.4	4.88	ug/Kg		<MDL	2.5	5.03	ug/Kg		<MDL	2.7	5.37	ug/Kg
N-Nitrosodiphenylamine		<MDL	6.3	12.7	ug/Kg		<MDL	4.9	9.77	ug/Kg		<MDL	5	10.1	ug/Kg		<MDL	5.4	10.7	ug/Kg
Pentachlorophenol		<MDL	16	31.6	ug/Kg		<MDL	12	24.4	ug/Kg		<MDL	13	25.2	ug/Kg		<MDL	13	26.8	ug/Kg
Phenanthrene	72.5		3.2	6.33	ug/Kg	23.2		2.4	4.88	ug/Kg	29.1		2.5	5.03	ug/Kg	46.2		2.7	5.37	ug/Kg
Phenol	69.8	E	6.3	12.7	ug/Kg	51.2	E	4.9	9.77	ug/Kg	31.3	E	5	10.1	ug/Kg	33.8	E	5.4	10.7	ug/Kg
Pyrene	158		3.2	6.33	ug/Kg	56		2.4	4.88	ug/Kg	66.4		2.5	5.03	ug/Kg	85.1		2.7	5.37	ug/Kg
Total HPAHS	1030		3.2	6.33	ug/Kg	392		2.4	4.88	ug/Kg	426		2.5	5.03	ug/Kg	583		2.7	5.37	ug/Kg
Total LPAHs	142		3.2	6.33	ug/Kg	49.6		2.4	4.88	ug/Kg	66.2		2.5	5.03	ug/Kg	93.8		2.7	5.37	ug/Kg
M=OR EPA 8081A/8082 (7-3-03-002)																				
4,4'-DDD	1.2	<RDL	1.1	2.1	ug/Kg		<MDL	0.82	1.62	ug/Kg		<MDL	0.84	1.67	ug/Kg		<MDL	0.9	1.79	ug/Kg
4,4'-DDE		<MDL	1.1	2.1	ug/Kg		<MDL	0.82	1.62	ug/Kg		<MDL	0.84	1.67	ug/Kg		<MDL	0.9	1.79	ug/Kg
4,4'-DDT	5.05		1.1	2.1	ug/Kg		<MDL	0.82	1.62	ug/Kg	1.97		0.84	1.67	ug/Kg		<MDL	0.9	1.79	ug/Kg
Aldrin		<MDL	1.1	2.1	ug/Kg		<MDL	0.82	1.62	ug/Kg		<MDL	0.84	1.67	ug/Kg		<MDL	0.9	1.79	ug/Kg
Alpha-BHC		<MDL	0.52	1.06	ug/Kg		<MDL	0.4	0.814	ug/Kg		<MDL	0.42	0.839	ug/Kg		<MDL	0.44	0.895	ug/Kg
Alpha-Chlordane		<MDL	0.52	1.06	ug/Kg		<MDL	0.4	0.814	ug/Kg		<MDL	0.42	0.839	ug/Kg		<MDL	0.44	0.895	ug/Kg
Beta-BHC		<MDL	0.52	1.06	ug/Kg		<MDL	0.4	0.814	ug/Kg		<MDL	0.42	0.839	ug/Kg		<MDL	0.44	0.895	ug/Kg
Delta-BHC		<MDL	0.52	1.06	ug/Kg		<MDL	0.4	0.814	ug/Kg		<MDL	0.42	0.839	ug/Kg		<MDL	0.44	0.895	ug/Kg
Dieldrin		<MDL	1.1	2.1	ug/Kg		<MDL	0.82	1.62	ug/Kg		<MDL	0.84	1.67	ug/Kg		<MDL	0.9	1.79	ug/Kg
Endosulfan I		<MDL	1.1	2.1	ug/Kg		<MDL	0.82	1.62	ug/Kg		<MDL	0.84	1.67	ug/Kg		<MDL	0.9	1.79	ug/Kg
Endosulfan II		<MDL	1.1	2.1	ug/Kg		<MDL	0.82	1.62	ug/Kg		<MDL	0.84	1.67	ug/Kg		<MDL	0.9	1.79	ug/Kg
Endosulfan Sulfate		<MDL	1.1	2.1	ug/Kg		<MDL	0.82	1.62	ug/Kg		<MDL	0.84	1.67	ug/Kg		<MDL	0.9	1.79	ug/Kg
Endrin		<MDL	1.1	2.1	ug/Kg		<MDL	0.82	1.62	ug/Kg		<MDL	0.84	1.67	ug/Kg		<MDL	0.9	1.79	ug/Kg
Endrin Aldehyde		<MDL,E	1.1	2.1	ug/Kg		<MDL,E	0.82	1.62	ug/Kg		<MDL,E	0.84	1.67	ug/Kg		<MDL,E	0.9	1.79	ug/Kg
Gamma-BHC (Lindane)		<MDL	0.52	1.06	ug/Kg		<MDL	0.4	0.814	ug/Kg		<MDL	0.42	0.839	ug/Kg		<MDL	0.44	0.895	ug/Kg
Gamma-Chlordane		<MDL	0.52	1.06	ug/Kg		<MDL	0.4	0.814	ug/Kg		<MDL	0.42	0.839	ug/Kg		<MDL	0.44	0.895	ug/Kg
Heptachlor		<MDL	0.52	1.06	ug/Kg		<MDL	0.4	0.814	ug/Kg		<MDL	0.42	0.839	ug/Kg		<MDL	0.44	0.895	ug/Kg
Heptachlor Epoxide		<MDL	0.52	1.06	ug/Kg		<MDL	0.4	0.814	ug/Kg		<MDL	0.42	0.839	ug/Kg		<MDL	0.44	0.895	ug/Kg
Methoxychlor		<MDL	5.2	10.6	ug/Kg		<MDL	4	8.14	ug/Kg		<MDL	4.2	8.39	ug/Kg		<MDL	4.4	8.95	ug/Kg
Toxaphene		<MDL	11	21	ug/Kg		<MDL	8.2	16.2	ug/Kg		<MDL	8.4	16.7	ug/Kg		<MDL	9	17.9	ug/Kg
M=OR EPA 8081A/8082 (7-3-103-000)																				
Aroclor 1016		<MDL,TA	27	55.1	ug/Kg		<MDL,TA	5	10.1	ug/Kg		<MDL,TA	5.9	11.7	ug/Kg		<MDL,TA	7	14	ug/Kg
Aroclor 1221		<MDL,TA	5.5	11.1	ug/Kg		<MDL	2.1	4.07	ug/Kg		<MDL,TA	2.6	5.19	ug/Kg		<MDL	2.3	4.47	ug/Kg
Aroclor 1232		<MDL,TA	41	83.7	ug/Kg		<MDL,TA	7.3	14.8	ug/Kg		<MDL,TA	9.3	18.6	ug/Kg		<MDL,TA	11	22.7	ug/Kg
Aroclor 1242		<MDL,TA	47	94.1	ug/Kg		<MDL,TA	9	18.1	ug/Kg		<MDL,TA	11	22	ug/Kg		<MDL,TA	12	24.6	ug/Kg
Aroclor 1248	44.3		1.3	2.64	ug/Kg	8.24		1	2.04	ug/Kg	9.91		1	2.1	ug/Kg	11.2		1.1	2.24	ug/Kg
Aroclor 1254	61.2		1.3	2.64	ug/Kg	12.9		1	2.04	ug/Kg	15.8		1	2.1	ug/Kg	16.1		1.1	2.24	ug/Kg
Aroclor 1260	35.3		1.3	2.64	ug/Kg	8.63		1	2.04	ug/Kg	13.7		1	2.1	ug/Kg	11.6		1.1	2.24	ug/Kg
Total Aroclors	141		1.3	2.64	ug/Kg	29.8		1	2.04	ug/Kg	39.5		1	2.1	ug/Kg	38.9		1.1	2.24	ug/Kg

* Not converted to dry weight basis for this parameter

King County Environmental Lab Analytical Report

PROJECT: 423062-200-4

Locator:	DUD_6C					DUD_7C					DUD_14C					DUD_15C				
Descrip:	CLEANUP AREA PERIM					CLEANUP AREA PERIM					PERIMETER LOCATION					DUDI PERIMETER LOC				
Sampled:	03/25/08 12:10:00 PM					03/25/08 12:25:00 PM					03/25/08 12:40:00 PM					03/25/08 12:54:00 PM				
Lab ID:	L45303-5					L45303-6					L45303-7					L45303-8				
Matrix:	SALTWTRSED					SALTWTRSED					SALTWTRSED					SALTWTRSED				
% Solids:	82.7					60.9					62.3					65.1				
Parameters	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
			- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis		
COMBINED LABS																				
M=CV ASTM D422(318V1)																				
Clay *	3		0.6	1.19	%	12.7		0.79	1.59	%	11.4		0.76	1.51	%	8.9		0.68	1.36	%
Dry Weight Factor	1.4					2.6					2.4					2.1				
Fines *	4.2		0.6	1.19	%	38.9		0.79	1.59	%	36.3		0.76	1.51	%	29.3		0.68	1.36	%
Gravel *	48.9		0.12	1.19	%	10.4		0.16	1.59	%	9.6		0.15	1.51	%	24.8		0.14	1.36	%
p+0.00 *	4.4		0.12	1.19	%	1.2		0.16	1.59	%	1	<RDL	0.15	1.51	%	2		0.14	1.36	%
p+1.00 *	7.6		0.12	1.19	%	3.1		0.16	1.59	%	2.9		0.15	1.51	%	3.5		0.14	1.36	%
p+10.0(equal/more than) *	1.8		0.6	1.19	%	8.7		0.79	1.59	%	7.6		0.76	1.51	%	6.1		0.68	1.36	%
p+2.00 *	22.4		0.12	1.19	%	19.4		0.16	1.59	%	19.3		0.15	1.51	%	12.8		0.14	1.36	%
p+3.00 *	10.4		0.12	1.19	%	16.2		0.16	1.59	%	20.6		0.15	1.51	%	14.5		0.14	1.36	%
p+4.00 *	1.7		0.12	1.19	%	8.3		0.16	1.59	%	8.5		0.15	1.51	%	9.4		0.14	1.36	%
p+5.00 *		<MDL	0.6	1.19	%	7.9		0.79	1.59	%	7.6		0.76	1.51	%	6.8		0.68	1.36	%
p+6.00 *	0.6	<RDL	0.6	1.19	%	5.6		0.79	1.59	%	5.3		0.76	1.51	%	4.1		0.68	1.36	%
p+7.00 *	0.6	<RDL	0.6	1.19	%	7.1		0.79	1.59	%	7.6		0.76	1.51	%	5.5		0.68	1.36	%
p+8.00 *		<MDL	0.6	1.19	%	5.6		0.79	1.59	%	4.5		0.76	1.51	%	4.1		0.68	1.36	%
p+9.00 *	1.2		0.6	1.19	%	4		0.79	1.59	%	3.8		0.76	1.51	%	2.7		0.68	1.36	%
p-1.00 *	17.6		0.12	1.19	%	3		0.16	1.59	%	2.8		0.15	1.51	%	7.4		0.14	1.36	%
p-2.00 *	17.1		0.12	1.19	%	5		0.16	1.59	%	2.5		0.15	1.51	%	8.4		0.14	1.36	%
p-2.00(less than) *	14.1		0.12	1.19	%	2.3		0.16	1.59	%	4.4		0.15	1.51	%	9		0.14	1.36	%
Sand *	46.6		0.12	1.19	%	48.2		0.16	1.59	%	52.3		0.15	1.51	%	42.2		0.14	1.36	%
Silt *	1.2		0.6	1.19	%	26.2		0.79	1.59	%	25		0.76	1.51	%	20.4		0.68	1.36	%
M=CV EPA 9060-PSEP96(337V3)																				
Total Organic Carbon	2810	H	1200	2390	mg/Kg	11600	H	2300	4610	mg/Kg	13100	H	3400	6690	mg/Kg	10700	H	2500	4930	mg/Kg
M=CV SM2540-G (307V2)																				
Total Solids *	82.7		0.005	0.01	%	60.9		0.005	0.01	%	62.3		0.005	0.01	%	65.1		0.005	0.01	%
M=ES NONE																				
Field Personnel	JB,CB,CE,JDD				none	JB,CB,CE,JDD				none	JB,CB,CE,JDD				none	JB,CB,CE,JDD				none
Sampcoordx1 *	1266948				ft	1266900				ft	1267195				ft	1267057				ft
Sampcoordy1 *	208505				ft	208486				ft	208001				ft	207969				ft
Sample Depth *	11				m	9				m	9				m	9				m
Sample Function																				
Sampling Method *	20042				none	20042				none	20042				none	20042				none
Sediment Sampling Depth *	8				cm	11				cm	11				cm	11				cm
Sediment Sampling Range *	0-7 cm				cm	0-10 cm				cm	0-10 cm				cm	0-10 cm				cm
Sediment Type	43N30				none	23N30				none	32P30				none	42N30				none
Tidal Condition	E				none	E				none	E				none	E				none
Tide Height *	2.8				ft	2				ft	1.8				ft	1				ft
M=MT CVAA EPA 7471B (604V4)																				
Mercury, Total, CVAA	0.144		0.0062	0.0622	mg/Kg	0.104		0.0082	0.0821	mg/Kg	0.116		0.0083	0.0839	mg/Kg	0.118		0.008	0.0799	mg/Kg
M=MT ICP EPA3050B/6010C MOD(612V3)																				
Aluminum, Total, ICP	7900		6	30	mg/Kg	16000		8.2	40.7	mg/Kg	14200		8	40	mg/Kg	14000		7.7	38.2	mg/Kg
Antimony, Total, ICP		<MDL,G	0.89	4.5	mg/Kg		<MDL,G	1.2	6.12	mg/Kg		<MDL,G	1.2	6	mg/Kg		<MDL,G	1.2	5.73	mg/Kg
Arsenic, Total, ICP	3.1	<RDL	1.5	7.5	mg/Kg	8.4	<RDL	2	10.2	mg/Kg	9.1	<RDL	1.9	10	mg/Kg	9.1	<RDL	1.8	9.54	mg/Kg
Beryllium, Total, ICP	0.13	<RDL	0.06	0.3	mg/Kg	0.33	<RDL	0.082	0.407	mg/Kg	0.29	<RDL	0.08	0.4	mg/Kg	0.28	<RDL	0.077	0.382	mg/Kg

King County Environmental Lab Analytical Report

PROJECT: 423062-200-4

Locator:	DUD_6C	DUD_7C	DUD_14C	DUD_15C
Descrip:	CLEANUP AREA PERIM	CLEANUP AREA PERIM	PERIMETER LOCATION	DUDI PERIMETER LOC
Sampled:	03/25/08 12:10:00 PM	03/25/08 12:25:00 PM	03/25/08 12:40:00 PM	03/25/08 12:54:00 PM
Lab ID:	L45303-5	L45303-6	L45303-7	L45303-8
Matrix:	SALTWTRSED	SALTWTRSED	SALTWTRSED	SALTWTRSED
% Solids:	82.7	60.9	62.3	65.1

Parameters	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
			- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis		
COMBINED LABS																				
Cadmium, Total, ICP		<MDL	0.12	0.6	mg/Kg	0.28	<RDL	0.16	0.816	mg/Kg	0.34	<RDL	0.16	0.801	mg/Kg	0.23	<RDL	0.15	0.763	mg/Kg
Chromium, Total, ICP	11.7		0.18	0.9	mg/Kg	23.6		0.25	1.22	mg/Kg	23.3		0.24	1.2	mg/Kg	22.6		0.23	1.15	mg/Kg
Copper, Total, ICP	26.1		0.24	1.2	mg/Kg	46.8		0.33	1.63	mg/Kg	53.3		0.32	1.6	mg/Kg	48.2		0.31	1.53	mg/Kg
Iron, Total, ICP	14400		3	15	mg/Kg	23500		4.1	20.4	mg/Kg	22800		4	20.1	mg/Kg	24000		3.8	19	mg/Kg
Lead, Total, ICP	6.53		1.2	6	mg/Kg	25.8		1.6	8.16	mg/Kg	28.7		1.6	8.01	mg/Kg	26.4		1.5	7.63	mg/Kg
Manganese, Total, ICP	210		0.12	0.6	mg/Kg	258		0.16	0.816	mg/Kg	244		0.16	0.801	mg/Kg	253		0.15	0.763	mg/Kg
Nickel, Total, ICP	11.3		0.3	1.5	mg/Kg	17.7		0.41	2.04	mg/Kg	18.8		0.4	2.01	mg/Kg	18.6		0.38	1.9	mg/Kg
Selenium, Total, ICP		<MDL	1.5	7.5	mg/Kg		<MDL	2	10.2	mg/Kg		<MDL	1.9	10	mg/Kg		<MDL	1.8	9.54	mg/Kg
Silver, Total, ICP		<MDL	0.24	1.2	mg/Kg		<MDL	0.33	1.63	mg/Kg		<MDL	0.32	1.6	mg/Kg		<MDL	0.31	1.53	mg/Kg
Thallium, Total, ICP		<MDL	2.4	12	mg/Kg		<MDL	3.3	16.3	mg/Kg		<MDL	3.2	16	mg/Kg		<MDL	3.1	15.3	mg/Kg
Zinc, Total, ICP	36.2		0.3	1.5	mg/Kg	88.5		0.41	2.04	mg/Kg	97.1		0.4	2.01	mg/Kg	86		0.38	1.9	mg/Kg
M=OR EPA 3550B/8270C (7-3-01-004)																				
1,2,4-Trichlorobenzene		<MDL	0.12	0.242	ug/Kg		<MDL	0.16	0.328	ug/Kg		<MDL	0.16	0.321	ug/Kg		<MDL	0.15	0.307	ug/Kg
1,2-Dichlorobenzene		<MDL	0.24	0.484	ug/Kg		<MDL	0.33	0.657	ug/Kg		<MDL	0.32	0.642	ug/Kg		<MDL	0.31	0.614	ug/Kg
1,3-Dichlorobenzene		<MDL	0.24	0.484	ug/Kg		<MDL	0.33	0.657	ug/Kg		<MDL	0.32	0.642	ug/Kg		<MDL	0.31	0.614	ug/Kg
1,4-Dichlorobenzene		<MDL	0.24	0.484	ug/Kg	0.49	<RDL	0.33	0.657	ug/Kg	0.849		0.32	0.642	ug/Kg	0.711		0.31	0.614	ug/Kg
2,4-Dimethylphenol		<MDL	1.2	2.42	ug/Kg		<MDL	1.6	3.28	ug/Kg		<MDL	1.6	3.21	ug/Kg		<MDL	1.5	3.07	ug/Kg
2-Methylnaphthalene		<MDL	2.4	4.84	ug/Kg		<MDL	3.3	6.57	ug/Kg		<MDL	3.2	6.42	ug/Kg		<MDL	3.1	6.14	ug/Kg
2-Methylphenol		<MDL	2.4	4.84	ug/Kg		<MDL	3.3	6.57	ug/Kg		<MDL	3.2	6.42	ug/Kg		<MDL	3.1	6.14	ug/Kg
4-Methylphenol		<MDL	4.8	9.67	ug/Kg		<MDL	6.6	13.1	ug/Kg		<MDL	6.4	12.8	ug/Kg		<MDL	6.1	12.3	ug/Kg
Acenaphthene		<MDL	2.4	4.84	ug/Kg	3.9	<RDL	3.3	6.57	ug/Kg	6.76		3.2	6.42	ug/Kg	8.42		3.1	6.14	ug/Kg
Acenaphthylene		<MDL	2.4	4.84	ug/Kg		<MDL	3.3	6.57	ug/Kg	7.72		3.2	6.42	ug/Kg	4.9	<RDL	3.1	6.14	ug/Kg
Anthracene	7.79		2.4	4.84	ug/Kg	18.4		3.3	6.57	ug/Kg	51.7		3.2	6.42	ug/Kg	36.7		3.1	6.14	ug/Kg
Benzo(a)anthracene	15.4		2.4	4.84	ug/Kg	47		3.3	6.57	ug/Kg	127		3.2	6.42	ug/Kg	92.8		3.1	6.14	ug/Kg
Benzo(a)pyrene	20.4		2.4	4.84	ug/Kg	49.3		3.3	6.57	ug/Kg	136		3.2	6.42	ug/Kg	105		3.1	6.14	ug/Kg
Benzo(b)fluoranthene	27.7		2.4	4.84	ug/Kg	49.1		3.3	6.57	ug/Kg	196		3.2	6.42	ug/Kg	129		3.1	6.14	ug/Kg
Benzo(g,h,i)perylene	8.31		2.4	4.84	ug/Kg	18.7		3.3	6.57	ug/Kg	58.1		3.2	6.42	ug/Kg	41.5		3.1	6.14	ug/Kg
Benzo(k)fluoranthene	21.4		2.4	4.84	ug/Kg	56.8		3.3	6.57	ug/Kg	144		3.2	6.42	ug/Kg	130		3.1	6.14	ug/Kg
Benzoic Acid	145	B	12	24.2	ug/Kg	192	B	16	32.8	ug/Kg	238	B	16	32.1	ug/Kg	192	B	15	30.7	ug/Kg
Benzyl Alcohol		<MDL	2.4	4.84	ug/Kg		<MDL	3.3	6.57	ug/Kg		<MDL	3.2	6.42	ug/Kg		<MDL	3.1	6.14	ug/Kg
Benzyl Butyl Phthalate	13.9	B	1.2	2.42	ug/Kg	20.5	B	1.6	3.28	ug/Kg	30.3	B	1.6	3.21	ug/Kg	22.4	B	1.5	3.07	ug/Kg
Bis(2-Ethylhexyl)Phthalate	65.8	B	4.8	9.67	ug/Kg	104	B	6.6	13.1	ug/Kg	222	B	6.4	12.8	ug/Kg	237	B	6.1	12.3	ug/Kg
Caffeine		<MDL	4.8	9.67	ug/Kg		<MDL	6.6	13.1	ug/Kg		<MDL	6.4	12.8	ug/Kg		<MDL	6.1	12.3	ug/Kg
Carbazole	2.7	<RDL	2.4	4.84	ug/Kg	5.1	<RDL	3.3	6.57	ug/Kg	13.4		3.2	6.42	ug/Kg	10.6		3.1	6.14	ug/Kg
Chrysene	33.5		2.4	4.84	ug/Kg	75.5		3.3	6.57	ug/Kg	196		3.2	6.42	ug/Kg	148		3.1	6.14	ug/Kg
Coprostanol		<MDL	48	96.7	ug/Kg		<MDL	66	131	ug/Kg		<MDL	64	128	ug/Kg		<MDL	61	123	ug/Kg
Dibenzo(a,h)anthracene		<MDL	2.4	4.84	ug/Kg	3.4	<RDL	3.3	6.57	ug/Kg	32.9		3.2	6.42	ug/Kg	24.6		3.1	6.14	ug/Kg
Dibenzofuran		<MDL	2.4	4.84	ug/Kg	4.1	<RDL	3.3	6.57	ug/Kg	6.1	<RDL	3.2	6.42	ug/Kg	6.14		3.1	6.14	ug/Kg
Diethyl Phthalate		<MDL	4.8	9.67	ug/Kg	7.9	<RDL	6.6	13.1	ug/Kg		<MDL	6.4	12.8	ug/Kg	8.1	<RDL	6.1	12.3	ug/Kg
Dimethyl Phthalate		<MDL	4.8	9.67	ug/Kg		<MDL	6.6	13.1	ug/Kg	14.2		6.4	12.8	ug/Kg		<MDL	6.1	12.3	ug/Kg
Di-N-Butyl Phthalate	5.1	<RDL,B	4.8	9.67	ug/Kg	10	<RDL,B	6.6	13.1	ug/Kg	13.7	B	6.4	12.8	ug/Kg	10	<RDL,B	6.1	12.3	ug/Kg
Di-N-Octyl Phthalate		<MDL	4.8	9.67	ug/Kg		<MDL	6.6	13.1	ug/Kg		<MDL	6.4	12.8	ug/Kg		<MDL	6.1	12.3	ug/Kg
Fluoranthene	39.8		2.4	4.84	ug/Kg	76		3.3	6.57	ug/Kg	205		3.2	6.42	ug/Kg	175		3.1	6.14	ug/Kg
Fluorene	5.44		2.4	4.84	ug/Kg	8.56		3.3	6.57	ug/Kg	16		3.2	6.42	ug/Kg	14.8		3.1	6.14	ug/Kg

King County Environmental Lab Analytical Report

PROJECT: 423062-200-4

Locator:	DUD_6C					Locator:	DUD_7C				Locator:	DUD_14C				Locator:	DUD_15C			
Descrip:	CLEANUP AREA PERIM					Descrip:	CLEANUP AREA PERIM				Descrip:	PERIMETER LOCATION				Descrip:	DUDI PERIMETER LOC			
Sampled:	03/25/08 12:10:00 PM					Sampled:	03/25/08 12:25:00 PM				Sampled:	03/25/08 12:40:00 PM				Sampled:	03/25/08 12:54:00 PM			
Lab ID:	L45303-5					Lab ID:	L45303-6				Lab ID:	L45303-7				Lab ID:	L45303-8			
Matrix:	SALTWTRSED					Matrix:	SALTWTRSED				Matrix:	SALTWTRSED				Matrix:	SALTWTRSED			
% Solids:	82.7					% Solids:	60.9				% Solids:	62.3				% Solids:	65.1			
Parameters	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
			- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis		
COMBINED LABS																				
Hexachlorobenzene		<MDL	0.12	0.242	ug/Kg		<MDL	0.16	0.328	ug/Kg		<MDL	0.16	0.321	ug/Kg		<MDL	0.15	0.307	ug/Kg
Hexachlorobutadiene		<MDL	0.6	1.21	ug/Kg		<MDL	0.82	1.64	ug/Kg		<MDL	0.8	1.61	ug/Kg		<MDL	0.77	1.54	ug/Kg
Hexachloroethane		<MDL	1.2	2.42	ug/Kg		<MDL	1.6	3.28	ug/Kg		<MDL	1.6	3.21	ug/Kg		<MDL	1.5	3.07	ug/Kg
Indeno(1,2,3-Cd)Pyrene	11.1		2.4	4.84	ug/Kg	24.3		3.3	6.57	ug/Kg	70.6		3.2	6.42	ug/Kg	54.5		3.1	6.14	ug/Kg
Naphthalene		<MDL	2.4	4.84	ug/Kg		<MDL	3.3	6.57	ug/Kg	4.7	<RDL	3.2	6.42	ug/Kg	4.8	<RDL	3.1	6.14	ug/Kg
N-Nitrosodiphenylamine		<MDL	4.8	9.67	ug/Kg		<MDL	6.6	13.1	ug/Kg		<MDL	6.4	12.8	ug/Kg		<MDL	6.1	12.3	ug/Kg
Pentachlorophenol		<MDL	12	24.2	ug/Kg		<MDL	16	32.8	ug/Kg		<MDL	16	32.1	ug/Kg		<MDL	15	30.7	ug/Kg
Phenanthrene	15.6		2.4	4.84	ug/Kg	31.7		3.3	6.57	ug/Kg	89.9		3.2	6.42	ug/Kg	90.5		3.1	6.14	ug/Kg
Phenol	28.7	E	4.8	9.67	ug/Kg	14.1	E	6.6	13.1	ug/Kg	62.3	E	6.4	12.8	ug/Kg	29	E	6.1	12.3	ug/Kg
Pyrene	38.1		2.4	4.84	ug/Kg	71.6		3.3	6.57	ug/Kg	191		3.2	6.42	ug/Kg	197		3.1	6.14	ug/Kg
Total HPAHS	216		2.4	4.84	ug/Kg	471		3.3	6.57	ug/Kg	1360		3.2	6.42	ug/Kg	1100		3.1	6.14	ug/Kg
Total LPAHs	32.4		2.4	4.84	ug/Kg	68.6		3.3	6.57	ug/Kg	180		3.2	6.42	ug/Kg	163		3.1	6.14	ug/Kg
M=OR EPA 8081A/8082 (7-3-03-002)																				
4,4'-DDD		<MDL	0.81	1.61	ug/Kg		<MDL	1.1	2.18	ug/Kg		<MDL	1.1	2.13	ug/Kg		<MDL	1	2.04	ug/Kg
4,4'-DDE		<MDL	0.81	1.61	ug/Kg		<MDL	1.1	2.18	ug/Kg		<MDL	1.1	2.13	ug/Kg		<MDL	1	2.04	ug/Kg
4,4'-DDT		<MDL	0.81	1.61	ug/Kg		<MDL	1.1	2.18	ug/Kg		<MDL	1.1	2.13	ug/Kg		<MDL	1	2.04	ug/Kg
Aldrin		<MDL	0.81	1.61	ug/Kg		<MDL	1.1	2.18	ug/Kg		<MDL	1.1	2.13	ug/Kg		<MDL	1	2.04	ug/Kg
Alpha-BHC		<MDL	0.4	0.807	ug/Kg		<MDL	0.54	1.1	ug/Kg		<MDL	0.53	1.07	ug/Kg		<MDL	0.51	1.02	ug/Kg
Alpha-Chlordane		<MDL	0.4	0.807	ug/Kg		<MDL	0.54	1.1	ug/Kg		<MDL	0.53	1.07	ug/Kg		<MDL	0.51	1.02	ug/Kg
Beta-BHC		<MDL	0.4	0.807	ug/Kg		<MDL	0.54	1.1	ug/Kg		<MDL	0.53	1.07	ug/Kg		<MDL	0.51	1.02	ug/Kg
Delta-BHC		<MDL	0.4	0.807	ug/Kg		<MDL	0.54	1.1	ug/Kg		<MDL	0.53	1.07	ug/Kg		<MDL	0.51	1.02	ug/Kg
Dieldrin		<MDL	0.81	1.61	ug/Kg		<MDL	1.1	2.18	ug/Kg		<MDL	1.1	2.13	ug/Kg		<MDL	1	2.04	ug/Kg
Endosulfan I		<MDL	0.81	1.61	ug/Kg		<MDL	1.1	2.18	ug/Kg		<MDL	1.1	2.13	ug/Kg		<MDL	1	2.04	ug/Kg
Endosulfan II		<MDL	0.81	1.61	ug/Kg		<MDL	1.1	2.18	ug/Kg		<MDL	1.1	2.13	ug/Kg		<MDL	1	2.04	ug/Kg
Endosulfan Sulfate		<MDL	0.81	1.61	ug/Kg		<MDL	1.1	2.18	ug/Kg		<MDL	1.1	2.13	ug/Kg		<MDL	1	2.04	ug/Kg
Endrin		<MDL	0.81	1.61	ug/Kg		<MDL	1.1	2.18	ug/Kg		<MDL	1.1	2.13	ug/Kg		<MDL	1	2.04	ug/Kg
Endrin Aldehyde		<MDL,E	0.81	1.61	ug/Kg		<MDL,E	1.1	2.18	ug/Kg		<MDL,E	1.1	2.13	ug/Kg		<MDL,E	1	2.04	ug/Kg
Gamma-BHC (Lindane)		<MDL	0.4	0.807	ug/Kg		<MDL	0.54	1.1	ug/Kg		<MDL	0.53	1.07	ug/Kg		<MDL	0.51	1.02	ug/Kg
Gamma-Chlordane		<MDL	0.4	0.807	ug/Kg		<MDL	0.54	1.1	ug/Kg		<MDL	0.53	1.07	ug/Kg		<MDL	0.51	1.02	ug/Kg
Heptachlor		<MDL	0.4	0.807	ug/Kg		<MDL	0.54	1.1	ug/Kg		<MDL	0.53	1.07	ug/Kg		<MDL	0.51	1.02	ug/Kg
Heptachlor Epoxide		<MDL	0.4	0.807	ug/Kg		<MDL	0.54	1.1	ug/Kg		<MDL	0.53	1.07	ug/Kg		<MDL	0.51	1.02	ug/Kg
Methoxychlor		<MDL	4	8.07	ug/Kg		<MDL	5.4	11	ug/Kg		<MDL	5.3	10.7	ug/Kg		<MDL	5.1	10.2	ug/Kg
Toxaphene		<MDL	8.1	16.1	ug/Kg		<MDL	11	21.8	ug/Kg		<MDL	11	21.3	ug/Kg		<MDL	10	20.4	ug/Kg
M=OR EPA 8081A/8082 (7-3-103-000)																				
Aroclor 1016		<MDL,TA	2.9	5.72	ug/Kg		<MDL,TA	15	29.4	ug/Kg		<MDL,TA	16	32.9	ug/Kg		<MDL,TA	11	21.4	ug/Kg
Aroclor 1221		<MDL	2.1	4.03	ug/Kg		<MDL	2.8	5.47	ug/Kg		<MDL,TA	4.2	8.46	ug/Kg		<MDL,TA	2.9	5.94	ug/Kg
Aroclor 1232		<MDL,TA	4.2	8.38	ug/Kg		<MDL,TA	25	48.4	ug/Kg		<MDL,TA	24	48	ug/Kg		<MDL,TA	15	31.3	ug/Kg
Aroclor 1242		<MDL,TA	4.5	9.03	ug/Kg		<MDL,TA	21	42.9	ug/Kg		<MDL,TA	30	59.4	ug/Kg		<MDL,TA	18	36.9	ug/Kg
Aroclor 1248	4.17		1	2.02	ug/Kg	17.7		1.4	2.74	ug/Kg	34.5		1.3	2.68	ug/Kg	18.6		1.3	2.57	ug/Kg
Aroclor 1254	6.24		1	2.02	ug/Kg	24		1.4	2.74	ug/Kg	64.8		1.3	2.68	ug/Kg	31		1.3	2.57	ug/Kg
Aroclor 1260	3.62		1	2.02	ug/Kg	15.6		1.4	2.74	ug/Kg	28.4		1.3	2.68	ug/Kg	20		1.3	2.57	ug/Kg
Total Aroclors	14		1	2.02	ug/Kg	57.5		1.4	2.74	ug/Kg	128		1.3	2.68	ug/Kg	69.7		1.3	2.57	ug/Kg

* Not converted to dry weight basis for this parameter

Appendix C4 – ENR 2009

King County Environmental Lab Analytical Report

	Project:	423062-200-4					Project:	423062-200-4					Project:	423062-200-4							
	Locator:	DUD_3C					Locator:	DUD_4C					Locator:	DUD_4C							
	Descrip:	CLEANUP AREA PERIM					Descrip:	CLEANUP AREA PERIM					Descrip:	CLEANUP AREA PERIM							
	Sample:	L47893-1					Sample:	L47893-2					Sample:	L47893-3							
	Matrix:	SF SALTWTRSED					Matrix:	SF SALTWTRSED					Matrix:	SF SALTWTRSED							
	ColDate:	4/28/09 10:44					ColDate:	4/28/09 10:55					ColDate:	4/28/09 11:00							
	TimeSpan:						TimeSpan:						TimeSpan:								
	TotalSolid:	55.4					TotalSolid:	76.9					TotalSolid:	76.3							
	ClientLoc:						ClientLoc:						ClientLoc:								
	SampDepth:	10					SampDepth:	10					SampDepth:	10							
	DRY Weight Basis						**DRY Weight Basis**						**DRY Weight Basis**								
Parameters	**Value**	**Qual**	**MDL**	**RDL**	**Units**		**Value**	**Qual**	**MDL**	**RDL**	**Units**		**Value**	**Qual**	**MDL**	**RDL**	**Units**				
M=CV ASTM D422																					
Clay*	16		0.89	1.78	%		5.1		0.64	1.28	%		5.3		0.67	1.33	%				
Fines*	56		0.89	1.78	%		14.1		0.64	1.28	%		20		0.67	1.33	%				
Gravel*	9.9		0.18	1.78	%		42.3		0.13	1.28	%		30		0.13	1.33	%				
Sand*	31.5		0.18	1.78	%		40.8		0.13	1.28	%		49		0.13	1.33	%				
Silt*	40		0.89	1.78	%		9		0.64	1.28	%		14.6		0.67	1.33	%				
p+0.00*	0.6	<RDL	0.18	1.78	%		3.5		0.13	1.28	%		3.4		0.13	1.33	%				
p+1.00*	1.6		0.18	1.78	%		6.1		0.13	1.28	%		6.3		0.13	1.33	%				
p+10.0(equal/more than)*	8.9		0.89	1.78	%		2.6		0.64	1.28	%		2.7		0.67	1.33	%				
p+2.00*	10.8		0.18	1.78	%		18.1		0.13	1.28	%		20.6		0.13	1.33	%				
p+3.00*	12		0.18	1.78	%		11		0.13	1.28	%		14.9		0.13	1.33	%				
p+4.00*	6.5		0.18	1.78	%		2.1		0.13	1.28	%		3.8		0.13	1.33	%				
p+5.00*	4.4		0.89	1.78	%		2.6		0.64	1.28	%		5.3		0.67	1.33	%				
p+6.00*	14.2		0.89	1.78	%		1.9		0.64	1.28	%		2.7		0.67	1.33	%				
p+7.00*	12.4		0.89	1.78	%		2.6		0.64	1.28	%		4		0.67	1.33	%				
p+8.00*	8.9		0.89	1.78	%		1.9		0.64	1.28	%		2.7		0.67	1.33	%				
p+9.00*	7.1		0.89	1.78	%		2.6		0.64	1.28	%		2.7		0.67	1.33	%				
p-1.00*	2.1		0.18	1.78	%		15.2		0.13	1.28	%		10.4		0.13	1.33	%				
p-2.00*	0.8	<RDL	0.18	1.78	%		11.4		0.13	1.28	%		9.6		0.13	1.33	%				
p-2.00(less than)*	7.1		0.18	1.78	%		15.7		0.13	1.28	%		10		0.13	1.33	%				
CV SW846 9060-PSEP96																					
Total Organic Carbon	16000		1800	3770	mg/Kg		6230		1100	2160	mg/Kg		6280		1300	2580	mg/Kg				
M=CV SM2540-G																					
Total Solids*	55.4		0.005	0.01	%		76.9		0.005	0.01	%		76.3		0.005	0.01	%				
M=ES NONE																					
Field Personnel*	BK,JDD,JB,JeneeC				none		BK,JDD,JB,JeneeC				none		BK,JDD,JB,JeneeC				none				
Sampcoordx1*	1267148				ft		1267109				ft		1267116				ft				
Sampcoordy1*	208143				ft		208239				ft		208239				ft				
Sample Depth*	10				m		10				m		10				m				
Sampling Method*	20143				none		20143				none		20143				none				
Sediment Sampling Depth*	13				cm		13				cm		13				cm				
Sediment Sampling Range*					cm						cm						cm				
Sediment Type*	20N30				none		30N30				none		30N30				none				
Tidal Condition*	E				none		E				none		E				none				
Tide Height*	3				ft		2.5				ft		2				ft				
Sample Function*													FREP @ L47893-2				none				
MT SW846 3050B*SW846 6010C																					
Aluminum, Total, ICP	21300		9	45.1	mg/Kg		12100		6.1	30.6	mg/Kg		12900		6.6	32.5	mg/Kg				
Antimony, Total, ICP		<MDL,JG	1.4	6.77	mg/Kg			<MDL,JG	0.92	4.59	mg/Kg			<MDL,JG	0.97	4.88	mg/Kg				
Arsenic, Total, ICP	9.6	<RDL	2.3	11.3	mg/Kg		3.8	<RDL	1.6	7.66	mg/Kg		4.6	<RDL	1.6	8.13	mg/Kg				
Beryllium, Total, ICP	0.531		0.09	0.451	mg/Kg		0.3	<RDL	0.061	0.306	mg/Kg		0.31	<RDL	0.066	0.325	mg/Kg				
Cadmium, Total, ICP	0.42	<RDL	0.18	0.904	mg/Kg		0.16	<RDL	0.12	0.612	mg/Kg		0.16	<RDL	0.13	0.65	mg/Kg				
Chromium, Total, ICP	27.4		0.27	1.36	mg/Kg		15		0.18	0.918	mg/Kg		19.1		0.2	0.975	mg/Kg				
Copper, Total, ICP	66.1		0.36	1.81	mg/Kg		38.9		0.25	1.22	mg/Kg		38.5		0.26	1.3	mg/Kg				
Iron, Total, ICP	30700		4.5	22.6	mg/Kg		18900		3.1	15.3	mg/Kg		20100		3.3	16.3	mg/Kg				
Lead, Total, ICP	29.1		1.8	9.04	mg/Kg		7.49		1.2	6.12	mg/Kg		11.9		1.3	6.5	mg/Kg				

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Project:	423062-200-4	423062-200-4	423062-200-4
Locator:	DUD_3C	DUD_4C	DUD_4C
Descrip:	CLEANUP AREA PERIM	CLEANUP AREA PERIM	CLEANUP AREA PERIM
Sample:	L47893-1	L47893-2	L47893-3
Matrix:	SF SALTWTRSED	SF SALTWTRSED	SF SALTWTRSED
ColDate:	4/28/09 10:44	4/28/09 10:55	4/28/09 11:00
TimeSpan:			
TotalSolid:	55.4	76.9	76.3
ClientLoc:			
SampDepth:	10	10	10
	DRY Weight Basis	**DRY Weight Basis**	**DRY Weight Basis**

Parameters	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
Manganese, Total, ICP	330		0.18	0.904	mg/Kg	235		0.12	0.612	mg/Kg	245		0.13	0.65	mg/Kg
Nickel, Total, ICP	22		0.45	2.26	mg/Kg	14.3		0.31	1.53	mg/Kg	16.1		0.33	1.63	mg/Kg
Selenium, Total, ICP		<MDL	2.3	11.3	mg/Kg		<MDL	1.6	7.66	mg/Kg		<MDL	1.6	8.13	mg/Kg
Silver, Total, ICP		<MDL	0.36	1.81	mg/Kg		<MDL	0.25	1.22	mg/Kg		<MDL	0.26	1.3	mg/Kg
Thallium, Total, ICP		<MDL	3.6	18.1	mg/Kg		<MDL	2.5	12.2	mg/Kg		<MDL	2.6	13	mg/Kg
Zinc, Total, ICP	105		0.45	2.26	mg/Kg	40.7		0.31	1.53	mg/Kg	51.2		0.33	1.63	mg/Kg
MT SW846 7471B															
Mercury, Total, CVAA	0.174		0.0045	0.0451	mg/Kg	0.0714		0.0033	0.0321	mg/Kg	0.0695		0.0033	0.0324	mg/Kg
OR EPA 3550B/8270C (7-3-01-004)															
1,2,4-Trichlorobenzene		<MDL	0.18	0.361	ug/Kg		<MDL	0.13	0.26	ug/Kg		<MDL	0.13	0.262	ug/Kg
1,2-Dichlorobenzene		<MDL	0.36	0.722	ug/Kg		<MDL	0.26	0.52	ug/Kg		<MDL	0.26	0.524	ug/Kg
1,3-Dichlorobenzene		<MDL	0.36	0.722	ug/Kg		<MDL	0.26	0.52	ug/Kg		<MDL	0.26	0.524	ug/Kg
1,4-Dichlorobenzene		<MDL	0.36	0.722	ug/Kg		<MDL	0.26	0.52	ug/Kg		<MDL	0.26	0.524	ug/Kg
2,4-Dimethylphenol		<MDL	1.8	3.61	ug/Kg		<MDL	1.3	2.6	ug/Kg		<MDL	1.3	2.62	ug/Kg
2-Methylnaphthalene		<MDL	3.6	7.22	ug/Kg		<MDL	2.6	5.2	ug/Kg		<MDL	2.6	5.24	ug/Kg
2-Methylphenol		<MDL	3.6	7.22	ug/Kg		<MDL	2.6	5.2	ug/Kg		<MDL	2.6	5.24	ug/Kg
4-Methylphenol		<MDL	7.2	14.4	ug/Kg		<MDL	5.2	10.4	ug/Kg		<MDL	5.2	10.5	ug/Kg
Acenaphthene	3.6	<RDL	3.6	7.22	ug/Kg		<MDL	2.6	5.2	ug/Kg		<MDL	2.6	5.24	ug/Kg
Acenaphthylene	3.8	<RDL	3.6	7.22	ug/Kg		<MDL	2.6	5.2	ug/Kg		<MDL	2.6	5.24	ug/Kg
Anthracene	33.6		3.6	7.22	ug/Kg	15.1		2.6	5.2	ug/Kg	20.2		2.6	5.24	ug/Kg
Benzo(a)anthracene	87.9		3.6	7.22	ug/Kg	23.1		2.6	5.2	ug/Kg	42.7		2.6	5.24	ug/Kg
Benzo(a)pyrene	37.5		3.6	7.22	ug/Kg	12.6		2.6	5.2	ug/Kg	45.1		2.6	5.24	ug/Kg
Benzo(b)fluoranthene	49.3		3.6	7.22	ug/Kg	17		2.6	5.2	ug/Kg	58.6		2.6	5.24	ug/Kg
Benzo(g,h,i)perylene	13.7		3.6	7.22	ug/Kg	4	<RDL	2.6	5.2	ug/Kg	25.2		2.6	5.24	ug/Kg
Benzo(k)fluoranthene	59.4		3.6	7.22	ug/Kg	21.7		2.6	5.2	ug/Kg	54.3		2.6	5.24	ug/Kg
Benzoic Acid	95.1		18	36.1	ug/Kg	37.5		13	26	ug/Kg	65.7		13	26.2	ug/Kg
Benzyl Alcohol		<MDL	3.6	7.22	ug/Kg		<MDL	2.6	5.2	ug/Kg		<MDL	2.6	5.24	ug/Kg
Benzyl Butyl Phthalate	19.7	B	1.8	3.61	ug/Kg	11.6	B	1.3	2.6	ug/Kg	11	B	1.3	2.62	ug/Kg
Bis(2-Ethylhexyl)Phthalate	264	B	7.2	14.4	ug/Kg	144	B	5.2	10.4	ug/Kg	519		5.2	10.5	ug/Kg
Caffeine		<MDL	7.2	14.4	ug/Kg		<MDL	5.2	10.4	ug/Kg		<MDL	5.2	10.5	ug/Kg
Carbazole	10.3		3.6	7.22	ug/Kg	3.1	<RDL	2.6	5.2	ug/Kg	5	<RDL	2.6	5.24	ug/Kg
Chrysene	124		3.6	7.22	ug/Kg	50.6		2.6	5.2	ug/Kg	55.2		2.6	5.24	ug/Kg
Coprostanol		<MDL	72	144	ug/Kg		<MDL	52	104	ug/Kg		<MDL	52	105	ug/Kg
Di-N-Butyl Phthalate	13	<RDL	7.2	14.4	ug/Kg	7.4	<RDL	5.2	10.4	ug/Kg	6.7	<RDL	5.2	10.5	ug/Kg
Di-N-Octyl Phthalate		<MDL	7.2	14.4	ug/Kg		<MDL	5.2	10.4	ug/Kg		<MDL	5.2	10.5	ug/Kg
Dibenzo(a,h)anthracene	5.6	<RDL	3.6	7.22	ug/Kg		<MDL	2.6	5.2	ug/Kg	10.4		2.6	5.24	ug/Kg
Dibenzofuran	4.9	<RDL	3.6	7.22	ug/Kg		<MDL	2.6	5.2	ug/Kg		<MDL	2.6	5.24	ug/Kg
Diethyl Phthalate		<MDL	7.2	14.4	ug/Kg		<MDL	5.2	10.4	ug/Kg		<MDL	5.2	10.5	ug/Kg
Dimethyl Phthalate		<MDL	7.2	14.4	ug/Kg		<MDL	5.2	10.4	ug/Kg		<MDL	5.2	10.5	ug/Kg
Fluoranthene	175		3.6	7.22	ug/Kg	58.4		2.6	5.2	ug/Kg	68.2		2.6	5.24	ug/Kg
Fluorene	8.7		3.6	7.22	ug/Kg	4.4	<RDL	2.6	5.2	ug/Kg	5.54		2.6	5.24	ug/Kg
Hexachlorobenzene		<MDL	0.18	0.361	ug/Kg		<MDL	0.13	0.26	ug/Kg		<MDL	0.13	0.262	ug/Kg
Hexachlorobutadiene		<MDL	0.9	1.81	ug/Kg		<MDL	0.65	1.3	ug/Kg		<MDL	0.66	1.31	ug/Kg
Hexachloroethane		<MDL	1.8	3.61	ug/Kg		<MDL	1.3	2.6	ug/Kg		<MDL	1.3	2.62	ug/Kg
Indeno(1,2,3-Cd)Pyrene	13		3.6	7.22	ug/Kg	4	<RDL	2.6	5.2	ug/Kg	24.5		2.6	5.24	ug/Kg
N-Nitrosodiphenylamine		<MDL	7.2	14.4	ug/Kg		<MDL	5.2	10.4	ug/Kg		<MDL	5.2	10.5	ug/Kg

King County Environmental Lab Analytical Report

Project:	423062-200-4					Project:	423062-200-4					Project:	423062-200-4			
Locator:	DUD_3C					Locator:	DUD_4C					Locator:	DUD_4C			
Descrip:	CLEANUP AREA PERIM					Descrip:	CLEANUP AREA PERIM					Descrip:	CLEANUP AREA PERIM			
Sample:	L47893-1					Sample:	L47893-2					Sample:	L47893-3			
Matrix:	SF SALTWTRSED					Matrix:	SF SALTWTRSED					Matrix:	SF SALTWTRSED			
ColDate:	4/28/09 10:44					ColDate:	4/28/09 10:55					ColDate:	4/28/09 11:00			
TimeSpan:						TimeSpan:						TimeSpan:				
TotalSolid:	55.4					TotalSolid:	76.9					TotalSolid:	76.3			
ClientLoc:						ClientLoc:						ClientLoc:				
SampDepth:	10					SampDepth:	10					SampDepth:	10			
DRY Weight Basis						**DRY Weight Basis**						**DRY Weight Basis**				
Parameters	**Value**	**Qual**	**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**	
Naphthalene		<MDL	3.6	7.22	ug/Kg		<MDL	2.6	5.2	ug/Kg		<MDL	2.6	5.24	ug/Kg	
Pentachlorophenol		<MDL	18	36.1	ug/Kg		<MDL	13	26	ug/Kg		<MDL	13	26.2	ug/Kg	
Phenanthrene	57.6		3.6	7.22	ug/Kg	17.3		2.6	5.2	ug/Kg	23.7		2.6	5.24	ug/Kg	
Phenol		<MDL	7.2	14.4	ug/Kg		<MDL	5.2	10.4	ug/Kg		<MDL	5.2	10.5	ug/Kg	
Pyrene	200		3.6	7.22	ug/Kg	79.7		2.6	5.2	ug/Kg	84.1		2.6	5.24	ug/Kg	
Total 4-Nonylphenol		<MDL	9	18.1	ug/Kg		<MDL	6.5	13	ug/Kg		<MDL	6.6	13.1	ug/Kg	
Total HPAHS	765		3.6	7.22	ug/Kg	273		2.6	5.2	ug/Kg	468		2.6	5.24	ug/Kg	
Total LPAHs	111		3.6	7.22	ug/Kg	39.9		2.6	5.2	ug/Kg	56.2		2.6	5.24	ug/Kg	
OR SW846 3550B*SW846 8081B																
4,4'-DDD*		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg	
4,4'-DDE*		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg	
4,4'-DDT*		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg	
Aldrin		<MDL	1.2	2.4	ug/Kg		<MDL	0.87	1.73	ug/Kg		<MDL	0.88	1.74	ug/Kg	
Alpha-BHC		<MDL	0.6	1.2	ug/Kg		<MDL	0.43	0.867	ug/Kg		<MDL	0.43	0.874	ug/Kg	
Alpha-Chlordane		<MDL	0.6	1.2	ug/Kg		<MDL	0.43	0.867	ug/Kg		<MDL	0.43	0.874	ug/Kg	
Beta-BHC		<MDL	0.6	1.2	ug/Kg		<MDL	0.43	0.867	ug/Kg		<MDL	0.43	0.874	ug/Kg	
Delta-BHC		<MDL	0.6	1.2	ug/Kg		<MDL	0.43	0.867	ug/Kg		<MDL	0.43	0.874	ug/Kg	
Dieldrin		<MDL	1.2	2.4	ug/Kg		<MDL	0.87	1.73	ug/Kg		<MDL	0.88	1.74	ug/Kg	
Endosulfan I		<MDL	1.2	2.4	ug/Kg		<MDL	0.87	1.73	ug/Kg		<MDL	0.88	1.74	ug/Kg	
Endosulfan II		<MDL	1.2	2.4	ug/Kg		<MDL	0.87	1.73	ug/Kg		<MDL	0.88	1.74	ug/Kg	
Endosulfan Sulfate		<MDL	1.2	2.4	ug/Kg		<MDL	0.87	1.73	ug/Kg		<MDL	0.88	1.74	ug/Kg	
Endrin		<MDL	1.2	2.4	ug/Kg		<MDL	0.87	1.73	ug/Kg		<MDL	0.88	1.74	ug/Kg	
Endrin Aldehyde		<MDL	1.2	2.4	ug/Kg		<MDL	0.87	1.73	ug/Kg		<MDL	0.88	1.74	ug/Kg	
Gamma-BHC (Lindane)		<MDL	0.6	1.2	ug/Kg		<MDL	0.43	0.867	ug/Kg		<MDL	0.43	0.874	ug/Kg	
Gamma-Chlordane		<MDL	0.6	1.2	ug/Kg		<MDL	0.43	0.867	ug/Kg		<MDL	0.43	0.874	ug/Kg	
Heptachlor		<MDL	0.6	1.2	ug/Kg		<MDL	0.43	0.867	ug/Kg		<MDL	0.43	0.874	ug/Kg	
Heptachlor Epoxide		<MDL	0.6	1.2	ug/Kg		<MDL	0.43	0.867	ug/Kg		<MDL	0.43	0.874	ug/Kg	
Methoxychlor		<MDL	6	12	ug/Kg		<MDL	4.3	8.67	ug/Kg		<MDL	4.3	8.74	ug/Kg	
Toxaphene		<MDL	12	24	ug/Kg		<MDL	8.7	17.3	ug/Kg		<MDL	8.8	17.4	ug/Kg	
OR SW846 3550B*SW846 8082A																
Aroclor 1016		<MDL,TA	16	32.1	ug/Kg		<MDL,TA	5.2	10.4	ug/Kg		<MDL,TA	7.7	15.5	ug/Kg	
Aroclor 1221		<MDL	3.1	6.01	ug/Kg		<MDL	2.2	4.33	ug/Kg		<MDL	2.2	4.36	ug/Kg	
Aroclor 1232		<MDL,TA	34	68.2	ug/Kg		<MDL,TA	11	22.2	ug/Kg		<MDL	2.2	4.36	ug/Kg	
Aroclor 1242		<MDL,TA	51	99.8	ug/Kg		<MDL,TA	18	37.6	ug/Kg		<MDL,TA	28	56	ug/Kg	
Aroclor 1248	34.7		1.5	3.01	ug/Kg	11.5		1.1	2.17	ug/Kg	18.6		1.1	2.19	ug/Kg	
Aroclor 1254	45.5		1.5	3.01	ug/Kg	19.1		1.1	2.17	ug/Kg	23.3		1.1	2.19	ug/Kg	
Aroclor 1260	29.2		1.5	3.01	ug/Kg	11.2		1.1	2.17	ug/Kg	14.7		1.1	2.19	ug/Kg	
Total Aroclors	109		1.5	3.01	ug/Kg	41.7		1.1	2.17	ug/Kg	56.6		1.1	2.19	ug/Kg	
* Not converted to dry weight basis																

King County Environmental Lab Analytical Report

	Project:	423062-200-4					Project:	423062-200-4					Project:	423062-200-4							
	Locator:	DUD_5C					Locator:	DUD_6C					Locator:	DUD_7C							
	Descrip:	CLEANUP AREA PERIM					Descrip:	CLEANUP AREA PERIM					Descrip:	CLEANUP AREA PERIM							
	Sample:	L47893-4					Sample:	L47893-5					Sample:	L47893-6							
	Matrix:	SF SALTWTRSED					Matrix:	SF SALTWTRSED					Matrix:	SF SALTWTRSED							
	ColDate:	4/28/09 11:53					ColDate:	4/28/09 12:02					ColDate:	4/28/09 12:12							
	TimeSpan:						TimeSpan:						TimeSpan:								
	TotalSolid:	57					TotalSolid:	77.4					TotalSolid:	47.4							
	ClientLoc:						ClientLoc:						ClientLoc:								
	SampDepth:	10					SampDepth:	10					SampDepth:	10							
	DRY Weight Basis						**DRY Weight Basis**						**DRY Weight Basis**								
Parameters	**Value**	**Qual**	**MDL**	**RDL**	**Units**		**Value**	**Qual**	**MDL**	**RDL**	**Units**		**Value**	**Qual**	**MDL**	**RDL**	**Units**				
M=CV ASTM D422																					
Clay*	12.4		0.83	1.66	%		2.6		0.64	1.28	%		26.9		1	2.07	%				
Fines*	48		0.83	1.66	%		14		0.64	1.28	%		83.7		1	2.07	%				
Gravel*	5.3		0.17	1.66	%		51.9		0.13	1.28	%			<MDL	0.21	2.07	%				
Sand*	39.9		0.17	1.66	%		32.7		0.13	1.28	%		8.8		0.21	2.07	%				
Silt*	35.6		0.83	1.66	%		11.5		0.64	1.28	%		56.8		1	2.07	%				
p+0.00*	0.7	<RDL	0.17	1.66	%		2.6		0.13	1.28	%			<MDL	0.21	2.07	%				
p+1.00*	3.2		0.17	1.66	%		4.8		0.13	1.28	%			<MDL	0.21	2.07	%				
p+10.0(equal/more than)*	6.6		0.83	1.66	%		1.9		0.64	1.28	%		14.5		1	2.07	%				
p+2.00*	19.4		0.17	1.66	%		15.4		0.13	1.28	%		0.5	<RDL	0.21	2.07	%				
p+3.00*	10.6		0.17	1.66	%		9.9		0.13	1.28	%		0.8	<RDL	0.21	2.07	%				
p+4.00*	5.9		0.17	1.66	%			<MDL	0.13	1.28	%		7.5		0.21	2.07	%				
p+5.00*	6.6		0.83	1.66	%		3.8		0.64	1.28	%		6.2		1	2.07	%				
p+6.00*	11.6		0.83	1.66	%		1.3		0.64	1.28	%		23.8		1	2.07	%				
p+7.00*	8.3		0.83	1.66	%		2.6		0.64	1.28	%		14.5		1	2.07	%				
p+8.00*	9.1		0.83	1.66	%		3.8		0.64	1.28	%		12.4		1	2.07	%				
p+9.00*	5.8		0.83	1.66	%		0.6	<RDL	0.64	1.28	%		12.4		1	2.07	%				
p-1.00*	2		0.17	1.66	%		12.5		0.13	1.28	%			<MDL	0.21	2.07	%				
p-2.00*	2.2		0.17	1.66	%		15		0.13	1.28	%			<MDL	0.21	2.07	%				
p-2.00(less than)*	1.2		0.17	1.66	%		24.4		0.13	1.28	%			<MDL	0.21	2.07	%				
CV SW846 9060-PSEP96																					
Total Organic Carbon	12400		1400	2860	mg/Kg		5660		1100	2270	mg/Kg		16900	SH	1900	3820	mg/Kg				
M=CV SM2540-G																					
Total Solids*	57		0.005	0.01	%		77.4		0.005	0.01	%		47.4		0.005	0.01	%				
M=ES NONE																					
Field Personnel*	BK,JDD,JB,JeneeC				none		BK,JDD,JB,JeneeC				none		BK,JDD,JB,JeneeC				none				
Sampcoordx1*	1267027				ft		1266945				ft		1266900				ft				
Sampcoordy1*	208269				ft		208495				ft		208484				ft				
Sample Depth*	10				m		10				m		10				m				
Sampling Method*	20143				none		20143				none		20143				none				
Sediment Sampling Depth*	13				cm		11				cm		17				cm				
Sediment Sampling Range*					cm						cm						cm				
Sediment Type*	20N20				none		34N30				none		20N20				none				
Tidal Condition*	E				none		E				none		E				none				
Tide Height*	1				ft		0				ft		-0.5				ft				
Sample Function*																					
MT SW846 3050B*SW846 6010C																					
Aluminum, Total, ICP	20200		9.1	45.6	mg/Kg		12600		5	25.1	mg/Kg		28500		11	54.2	mg/Kg				
Antimony, Total, ICP		<MDL,JG	1.4	6.84	mg/Kg			<MDL,JG	0.75	3.76	mg/Kg			<MDL,JG	1.6	8.12	mg/Kg				
Arsenic, Total, ICP	7.2	<RDL	2.3	11.4	mg/Kg		4.4	<RDL	1.3	6.25	mg/Kg		11	<RDL	2.7	13.5	mg/Kg				
Beryllium, Total, ICP	0.521		0.091	0.456	mg/Kg		0.319		0.05	0.251	mg/Kg		0.751		0.11	0.542	mg/Kg				
Cadmium, Total, ICP	0.25	<RDL	0.18	0.911	mg/Kg		0.16	<RDL	0.1	0.501	mg/Kg		0.32	<RDL	0.21	1.08	mg/Kg				
Chromium, Total, ICP	23.5		0.28	1.37	mg/Kg		16.4		0.16	0.751	mg/Kg		27.4		0.32	1.63	mg/Kg				
Copper, Total, ICP	39.1		0.37	1.82	mg/Kg		29.2		0.21	1	mg/Kg		48.5		0.44	2.17	mg/Kg				
Iron, Total, ICP	27400		4.6	22.8	mg/Kg		19000		2.5	12.5	mg/Kg		35400		5.5	27	mg/Kg				
Lead, Total, ICP	10.7		1.8	9.11	mg/Kg		7.89		1	5.01	mg/Kg		14.1		2.1	10.8	mg/Kg				

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Descrip:	CLEANUP AREA PERIM					Descrip:	CLEANUP AREA PERIM					Descrip:	CLEANUP AREA PERIM								
Sample:	L47893-4					Sample:	L47893-5					Sample:	L47893-6								
Matrix:	SF SALTWTRSED					Matrix:	SF SALTWTRSED					Matrix:	SF SALTWTRSED								
ColDate:	4/28/09 11:53					ColDate:	4/28/09 12:02					ColDate:	4/28/09 12:12								
TimeSpan:						TimeSpan:						TimeSpan:									
TotalSolid:	57					TotalSolid:	77.4					TotalSolid:	47.4								
ClientLoc:						ClientLoc:						ClientLoc:									
SampDepth:	10					SampDepth:	10					SampDepth:	10								
DRY Weight Basis						**DRY Weight Basis**						**DRY Weight Basis**									
Parameters	**Value**	**Qual**	**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**		**Value**	**Qual**	**MDL**	**RDL**	**Units**					
Manganese, Total, ICP	309		0.18	0.911	mg/Kg	239		0.1	0.501	mg/Kg		426		0.21	1.08	mg/Kg					
Nickel, Total, ICP	21.6		0.46	2.28	mg/Kg	14.7		0.25	1.25	mg/Kg		26.4		0.55	2.7	mg/Kg					
Selenium, Total, ICP		<MDL	2.3	11.4	mg/Kg		<MDL	1.3	6.25	mg/Kg			<MDL	2.7	13.5	mg/Kg					
Silver, Total, ICP		<MDL	0.37	1.82	mg/Kg		<MDL	0.21	1	mg/Kg			<MDL	0.44	2.17	mg/Kg					
Thallium, Total, ICP		<MDL	3.7	18.2	mg/Kg		<MDL	2.1	10	mg/Kg			<MDL	4.4	21.7	mg/Kg					
Zinc, Total, ICP	63		0.46	2.28	mg/Kg	42.4		0.25	1.25	mg/Kg		80.2		0.55	2.7	mg/Kg					
MT SW846 7471B																					
Mercury, Total, CVAA	0.102		0.0044	0.044	mg/Kg	0.0656		0.0031	0.0315	mg/Kg		0.128		0.0051	0.0515	mg/Kg					
OR EPA 3550B/8270C (7-3-01-004)																					
1,2,4-Trichlorobenzene		<MDL	0.18	0.351	ug/Kg		<MDL	0.13	0.258	ug/Kg			<MDL	0.21	0.422	ug/Kg					
1,2-Dichlorobenzene		<MDL	0.35	0.702	ug/Kg		<MDL	0.26	0.517	ug/Kg			<MDL	0.42	0.844	ug/Kg					
1,3-Dichlorobenzene		<MDL	0.35	0.702	ug/Kg		<MDL	0.26	0.517	ug/Kg			<MDL	0.42	0.844	ug/Kg					
1,4-Dichlorobenzene		<MDL	0.35	0.702	ug/Kg		<MDL	0.26	0.517	ug/Kg			<MDL	0.42	0.844	ug/Kg					
2,4-Dimethylphenol		<MDL	1.8	3.51	ug/Kg		<MDL	1.3	2.58	ug/Kg			<MDL	2.1	4.22	ug/Kg					
2-Methylnaphthalene		<MDL	3.5	7.02	ug/Kg		<MDL	2.6	5.17	ug/Kg			<MDL	4.2	8.44	ug/Kg					
2-Methylphenol		<MDL	3.5	7.02	ug/Kg		<MDL	2.6	5.17	ug/Kg			<MDL	4.2	8.44	ug/Kg					
4-Methylphenol		<MDL	7	14	ug/Kg		<MDL	5.2	10.3	ug/Kg			<MDL	8.4	16.9	ug/Kg					
Acenaphthene		<MDL	3.5	7.02	ug/Kg		<MDL	2.6	5.17	ug/Kg			<MDL	4.2	8.44	ug/Kg					
Acenaphthylene		<MDL	3.5	7.02	ug/Kg		<MDL	2.6	5.17	ug/Kg			<MDL	4.2	8.44	ug/Kg					
Anthracene	11.6		3.5	7.02	ug/Kg	9.47		2.6	5.17	ug/Kg		10.1		4.2	8.44	ug/Kg					
Benzo(a)anthracene	27.7		3.5	7.02	ug/Kg	29.1		2.6	5.17	ug/Kg		23.4		4.2	8.44	ug/Kg					
Benzo(a)pyrene	29.5		3.5	7.02	ug/Kg	25.7		2.6	5.17	ug/Kg		24.7		4.2	8.44	ug/Kg					
Benzo(b)fluoranthene	39.5		3.5	7.02	ug/Kg	35.9		2.6	5.17	ug/Kg		39		4.2	8.44	ug/Kg					
Benzo(g,h,i)perylene	15.5		3.5	7.02	ug/Kg	13.4		2.6	5.17	ug/Kg		14.7		4.2	8.44	ug/Kg					
Benzo(k)fluoranthene	35.8		3.5	7.02	ug/Kg	32.7		2.6	5.17	ug/Kg		27		4.2	8.44	ug/Kg					
Benzoic Acid	84.6		18	35.1	ug/Kg	55.7		13	25.8	ug/Kg		121		21	42.2	ug/Kg					
Benzyl Alcohol		<MDL	3.5	7.02	ug/Kg		<MDL	2.6	5.17	ug/Kg			<MDL	4.2	8.44	ug/Kg					
Benzyl Butyl Phthalate	11.8	B	1.8	3.51	ug/Kg	8.29	B	1.3	2.58	ug/Kg		11.7	B	2.1	4.22	ug/Kg					
Bis(2-Ethylhexyl)Phthalate	381	B2	7	14	ug/Kg	151	B	5.2	10.3	ug/Kg		219	B	8.4	16.9	ug/Kg					
Caffeine		<MDL	7	14	ug/Kg		<MDL	5.2	10.3	ug/Kg			<MDL	8.4	16.9	ug/Kg					
Carbazole	4.2	<RDL	3.5	7.02	ug/Kg	3.7	<RDL	2.6	5.17	ug/Kg			<MDL	4.2	8.44	ug/Kg					
Chrysene	37.9		3.5	7.02	ug/Kg	36.4		2.6	5.17	ug/Kg		32.3		4.2	8.44	ug/Kg					
Coprostanol		<MDL	70	140	ug/Kg		<MDL	52	103	ug/Kg			<MDL	84	169	ug/Kg					
Di-N-Butyl Phthalate	8.4	<RDL	7	14	ug/Kg	5.4	<RDL	5.2	10.3	ug/Kg		14	<RDL	8.4	16.9	ug/Kg					
Di-N-Octyl Phthalate		<MDL	7	14	ug/Kg		<MDL	5.2	10.3	ug/Kg			<MDL	8.4	16.9	ug/Kg					
Dibenzo(a,h)anthracene	7.67		3.5	7.02	ug/Kg	5.2	<RDL	2.6	5.17	ug/Kg		7.4	<RDL	4.2	8.44	ug/Kg					
Dibenzofuran		<MDL	3.5	7.02	ug/Kg		<MDL	2.6	5.17	ug/Kg			<MDL	4.2	8.44	ug/Kg					
Diethyl Phthalate		<MDL	7	14	ug/Kg		<MDL	5.2	10.3	ug/Kg			<MDL	8.4	16.9	ug/Kg					
Dimethyl Phthalate		<MDL	7	14	ug/Kg		<MDL	5.2	10.3	ug/Kg			<MDL	8.4	16.9	ug/Kg					
Fluoranthene	66.8		3.5	7.02	ug/Kg	88.2		2.6	5.17	ug/Kg		57.4		4.2	8.44	ug/Kg					
Fluorene	6.3	<RDL	3.5	7.02	ug/Kg	4.5	<RDL	2.6	5.17	ug/Kg		6.3	<RDL	4.2	8.44	ug/Kg					
Hexachlorobenzene		<MDL	0.18	0.351	ug/Kg		<MDL	0.13	0.258	ug/Kg			<MDL	0.21	0.422	ug/Kg					
Hexachlorobutadiene		<MDL	0.88	1.75	ug/Kg		<MDL	0.65	1.29	ug/Kg			<MDL	1.1	2.11	ug/Kg					
Hexachloroethane		<MDL	1.8	3.51	ug/Kg		<MDL	1.3	2.58	ug/Kg			<MDL	2.1	4.22	ug/Kg					
Indeno(1,2,3-Cd)Pyrene	16.1		3.5	7.02	ug/Kg	12.3		2.6	5.17	ug/Kg		15		4.2	8.44	ug/Kg					
N-Nitrosodiphenylamine		<MDL	7	14	ug/Kg		<MDL	5.2	10.3	ug/Kg			<MDL	8.4	16.9	ug/Kg					

King County Environmental Lab Analytical Report

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	Descrip:	CLEANUP AREA PERIM					Descrip:	CLEANUP AREA PERIM					Descrip:	CLEANUP AREA PERIM									
	Sample:	L47893-4					Sample:	L47893-5					Sample:	L47893-6									
	Matrix:	SF SALTWTRSED					Matrix:	SF SALTWTRSED					Matrix:	SF SALTWTRSED									
	ColDate:	4/28/09 11:53					ColDate:	4/28/09 12:02					ColDate:	4/28/09 12:12									
	TimeSpan:						TimeSpan:						TimeSpan:										
	TotalSolid:	57					TotalSolid:	77.4					TotalSolid:	47.4									
	ClientLoc:						ClientLoc:						ClientLoc:										
	SampDepth:	10					SampDepth:	10					SampDepth:	10									
	DRY Weight Basis						**DRY Weight Basis**						**DRY Weight Basis**										
Parameters	**Value**	**Qual**	**MDL**	**RDL**	**Units**		**Value**	**Qual**	**MDL**	**RDL**	**Units**		**Value**	**Qual**	**MDL**	**RDL**	**Units**						
Naphthalene		<MDL	3.5	7.02	ug/Kg			<MDL	2.6	5.17	ug/Kg			<MDL	4.2	8.44	ug/Kg						
Pentachlorophenol		<MDL	18	35.1	ug/Kg			<MDL	13	25.8	ug/Kg			<MDL	21	42.2	ug/Kg						
Phenanthrene	30		3.5	7.02	ug/Kg		17.3		2.6	5.17	ug/Kg		26.6		4.2	8.44	ug/Kg						
Phenol		<MDL	7	14	ug/Kg			<MDL	5.2	10.3	ug/Kg			<MDL	8.4	16.9	ug/Kg						
Pyrene	63.3		3.5	7.02	ug/Kg		74.4		2.6	5.17	ug/Kg		63.1		4.2	8.44	ug/Kg						
Total 4-Nonylphenol		<MDL	8.8	17.5	ug/Kg			<MDL	6.5	12.9	ug/Kg			<MDL	11	21.1	ug/Kg						
Total HPAHS	340		3.5	7.02	ug/Kg		353		2.6	5.17	ug/Kg		304		4.2	8.44	ug/Kg						
Total LPAHs	55.6		3.5	7.02	ug/Kg		36		2.6	5.17	ug/Kg		53		4.2	8.44	ug/Kg						
OR SW846 3550B*SW846 8081B																							
4,4'-DDD*		<MDL	0.67	1.33	ug/Kg			<MDL	0.67	1.33	ug/Kg			<MDL	0.67	1.33	ug/Kg						
4,4'-DDE*		<MDL	0.67	1.33	ug/Kg			<MDL	0.67	1.33	ug/Kg			<MDL	0.67	1.33	ug/Kg						
4,4'-DDT*		<MDL	0.67	1.33	ug/Kg			<MDL	0.67	1.33	ug/Kg			<MDL	0.67	1.33	ug/Kg						
Aldrin		<MDL	1.2	2.33	ug/Kg			<MDL	0.87	1.72	ug/Kg			<MDL	1.4	2.81	ug/Kg						
Alpha-BHC		<MDL	0.58	1.17	ug/Kg			<MDL	0.43	0.862	ug/Kg			<MDL	0.7	1.41	ug/Kg						
Alpha-Chlordane		<MDL	0.58	1.17	ug/Kg			<MDL	0.43	0.862	ug/Kg			<MDL	0.7	1.41	ug/Kg						
Beta-BHC		<MDL	0.58	1.17	ug/Kg			<MDL	0.43	0.862	ug/Kg			<MDL	0.7	1.41	ug/Kg						
Delta-BHC		<MDL	0.58	1.17	ug/Kg			<MDL	0.43	0.862	ug/Kg			<MDL	0.7	1.41	ug/Kg						
Dieldrin		<MDL	1.2	2.33	ug/Kg			<MDL	0.87	1.72	ug/Kg			<MDL	1.4	2.81	ug/Kg						
Endosulfan I		<MDL	1.2	2.33	ug/Kg			<MDL	0.87	1.72	ug/Kg			<MDL	1.4	2.81	ug/Kg						
Endosulfan II		<MDL	1.2	2.33	ug/Kg			<MDL	0.87	1.72	ug/Kg			<MDL	1.4	2.81	ug/Kg						
Endosulfan Sulfate		<MDL	1.2	2.33	ug/Kg			<MDL	0.87	1.72	ug/Kg			<MDL	1.4	2.81	ug/Kg						
Endrin		<MDL	1.2	2.33	ug/Kg			<MDL	0.87	1.72	ug/Kg			<MDL	1.4	2.81	ug/Kg						
Endrin Aldehyde		<MDL	1.2	2.33	ug/Kg			<MDL	0.87	1.72	ug/Kg			<MDL	1.4	2.81	ug/Kg						
Gamma-BHC (Lindane)		<MDL	0.58	1.17	ug/Kg			<MDL	0.43	0.862	ug/Kg			<MDL	0.7	1.41	ug/Kg						
Gamma-Chlordane		<MDL	0.58	1.17	ug/Kg			<MDL	0.43	0.862	ug/Kg			<MDL	0.7	1.41	ug/Kg						
Heptachlor		<MDL	0.58	1.17	ug/Kg			<MDL	0.43	0.862	ug/Kg			<MDL	0.7	1.41	ug/Kg						
Heptachlor Epoxide		<MDL	0.58	1.17	ug/Kg			<MDL	0.43	0.862	ug/Kg			<MDL	0.7	1.41	ug/Kg						
Methoxychlor		<MDL	5.8	11.7	ug/Kg			<MDL	4.3	8.62	ug/Kg			<MDL	7	14.1	ug/Kg						
Toxaphene		<MDL	12	23.3	ug/Kg			<MDL	8.7	17.2	ug/Kg			<MDL	14	28.1	ug/Kg						
OR SW846 3550B*SW846 8082A																							
Aroclor 1016		<MDL,TA	5.8	11.5	ug/Kg			<MDL,TA	3.7	7.58	ug/Kg			<MDL,TA	10	20.4	ug/Kg						
Aroclor 1221		<MDL	3	5.84	ug/Kg			<MDL	2.2	4.3	ug/Kg			<MDL	3.6	7.03	ug/Kg						
Aroclor 1232		<MDL	3	5.84	ug/Kg			<MDL	2.2	4.3	ug/Kg			<MDL	3.6	7.03	ug/Kg						
Aroclor 1242		<MDL,TA	15	28.9	ug/Kg			<MDL,TA	14	29.1	ug/Kg			<MDL,TA	25	49.2	ug/Kg						
Aroclor 1248	10.8		1.5	2.93	ug/Kg		10.8		1.1	2.16	ug/Kg		16.8		1.8	3.52	ug/Kg						
Aroclor 1254	13.1		1.5	2.93	ug/Kg		11.8		1.1	2.16	ug/Kg		20.4		1.8	3.52	ug/Kg						
Aroclor 1260	10.4		1.5	2.93	ug/Kg		6.71		1.1	2.16	ug/Kg		9.75		1.8	3.52	ug/Kg						
Total Aroclors	34.4		1.5	2.93	ug/Kg		29.3		1.1	2.16	ug/Kg		46.8		1.8	3.52	ug/Kg						
* Not converted to dry weight basis																							

King County Environmental Lab Analytical Report

Project:	423062-200-4	Project:	423062-200-4
Locator:	DUD_14C	Locator:	DUD_15C
Descrip:	PERIMETER LOCATION	Descrip:	DUDI PERIMETER LOC
Sample:	L47893-7	Sample:	L47893-8
Matrix:	SF SALTWTRSED	Matrix:	SF SALTWTRSED
ColDate:	4/28/09 12:22	ColDate:	4/28/09 12:36
TimeSpan:		TimeSpan:	
TotalSolid:	50.8	TotalSolid:	46.6
ClientLoc:		ClientLoc:	
SampDepth:	8	SampDepth:	8
DRY Weight Basis		**DRY Weight Basis**	

Parameters	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
M=CV ASTM D422										
Clay*	19.3		0.96	1.93	%	34.1		1.1	2.13	%
Fines*	71.4		0.96	1.93	%	82		1.1	2.13	%
Gravel*	0.6	<RDL	0.19	1.93	%	4.5		0.21	2.13	%
Sand*	25.1		0.19	1.93	%	13.1		0.21	2.13	%
Silt*	52.1		0.96	1.93	%	47.9		1.1	2.13	%
p+0.00*	0.19	<RDL	0.19	1.93	%		<MDL	0.21	2.13	%
p+1.00*	0.8	<RDL	0.19	1.93	%	0.4	<RDL	0.21	2.13	%
p+10.0(equal/more than)*	11.6		0.96	1.93	%	24.5		1.1	2.13	%
p+2.00*	6.5		0.19	1.93	%	1.8		0.21	2.13	%
p+3.00*	9.8		0.19	1.93	%	2		0.21	2.13	%
p+4.00*	7.9		0.19	1.93	%	8.7		0.21	2.13	%
p+5.00*	7.7		0.96	1.93	%	9.6		1.1	2.13	%
p+6.00*	18.3		0.96	1.93	%	14.9		1.1	2.13	%
p+7.00*	14.5		0.96	1.93	%	13.8		1.1	2.13	%
p+8.00*	11.6		0.96	1.93	%	9.6		1.1	2.13	%
p+9.00*	7.7		0.96	1.93	%	9.6		1.1	2.13	%
p-1.00*		<MDL	0.19	1.93	%	0.6	<RDL	0.21	2.13	%
p-2.00*	0.2	<RDL	0.19	1.93	%	1.7		0.21	2.13	%
p-2.00(less than)*	0.3	<RDL	0.19	1.93	%	2.2		0.21	2.13	%
CV SW846 9060-PSEP96										
Total Organic Carbon	17400	SH	1900	3740	mg/Kg	16200		1900	3730	mg/Kg
M=CV SM2540-G										
Total Solids*	50.8		0.005	0.01	%	46.6		0.005	0.01	%
M=ES NONE										
Field Personnel*	BK,JDD,JB,JeneeC				none	BK,JDD,JB,JeneeC				none
Sampcoordx1*	1267194				ft	1267052				ft
Sampcoordy1*	207999				ft	207968				ft
Sample Depth*	8				m	8				m
Sampling Method*	20143				none	20143				none
Sediment Sampling Depth*	15				cm	14				cm
Sediment Sampling Range*					cm					cm
Sediment Type*	21N30				none	21N30				none
Tidal Condition*	E				none	E				none
Tide Height*	-1				ft	-1.2				ft
Sample Function*										
MT SW846 3050B*SW846 6010C										
Aluminum, Total, ICP	23600		9.8	48.8	mg/Kg	27900		11	53.6	mg/Kg
Antimony, Total, ICP		<MDL,JG	1.5	7.32	mg/Kg		<MDL,JG	1.6	8.05	mg/Kg
Arsenic, Total, ICP	11	<RDL	2.4	12.2	mg/Kg	10	<RDL	2.8	13.4	mg/Kg
Beryllium, Total, ICP	0.618		0.098	0.488	mg/Kg	0.723		0.11	0.536	mg/Kg
Cadmium, Total, ICP	0.39	<RDL	0.19	0.974	mg/Kg	0.3	<RDL	0.21	1.07	mg/Kg
Chromium, Total, ICP	28.1		0.3	1.46	mg/Kg	27.9		0.32	1.61	mg/Kg
Copper, Total, ICP	61.8		0.39	1.95	mg/Kg	48.9		0.43	2.15	mg/Kg
Iron, Total, ICP	32100		4.9	24.4	mg/Kg	34800		5.4	26.8	mg/Kg
Lead, Total, ICP	27.2		1.9	9.74	mg/Kg	13.9		2.1	10.7	mg/Kg

King County Environmental Lab Analytical Report

Project:	423062-200-4					Project:	423062-200-4			
Locator:	DUD_14C					Locator:	DUD_15C			
Descrip:	PERIMETER LOCATION					Descrip:	DUDI PERIMETER LOC			
Sample:	L47893-7					Sample:	L47893-8			
Matrix:	SF SALTWTRSED					Matrix:	SF SALTWTRSED			
ColDate:	4/28/09 12:22					ColDate:	4/28/09 12:36			
TimeSpan:						TimeSpan:				
TotalSolid:	50.8					TotalSolid:	46.6			
ClientLoc:						ClientLoc:				
SampDepth:	8					SampDepth:	8			
DRY Weight Basis						**DRY Weight Basis**				
Parameters	**Value**	**Qual**	**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**
Manganese, Total, ICP	350		0.19	0.974	mg/Kg	393		0.21	1.07	mg/Kg
Nickel, Total, ICP	24		0.49	2.44	mg/Kg	26		0.54	2.68	mg/Kg
Selenium, Total, ICP		<MDL	2.4	12.2	mg/Kg		<MDL	2.8	13.4	mg/Kg
Silver, Total, ICP		<MDL	0.39	1.95	mg/Kg		<MDL	0.43	2.15	mg/Kg
Thallium, Total, ICP		<MDL	3.9	19.5	mg/Kg		<MDL	4.3	21.5	mg/Kg
Zinc, Total, ICP	105		0.49	2.44	mg/Kg	78.5		0.54	2.68	mg/Kg
MT SW846 7471B										
Mercury, Total, CVAA	0.197		0.0049	0.0496	mg/Kg	0.131		0.0054	0.0534	mg/Kg
OR EPA 3550B/8270C (7-3-01-004)										
1,2,4-Trichlorobenzene		<MDL	0.2	0.394	ug/Kg		<MDL	0.21	0.429	ug/Kg
1,2-Dichlorobenzene		<MDL	0.39	0.787	ug/Kg		<MDL	0.43	0.858	ug/Kg
1,3-Dichlorobenzene		<MDL	0.39	0.787	ug/Kg		<MDL	0.43	0.858	ug/Kg
1,4-Dichlorobenzene		<MDL	0.39	0.787	ug/Kg		<MDL	0.43	0.858	ug/Kg
2,4-Dimethylphenol		<MDL	2	3.94	ug/Kg		<MDL	2.1	4.29	ug/Kg
2-Methylnaphthalene		<MDL	3.9	7.87	ug/Kg		<MDL	4.3	8.58	ug/Kg
2-Methylphenol		<MDL	3.9	7.87	ug/Kg		<MDL	4.3	8.58	ug/Kg
4-Methylphenol		<MDL	7.9	15.7	ug/Kg		<MDL	8.6	17.2	ug/Kg
Acenaphthene	5.9	<RDL	3.9	7.87	ug/Kg		<MDL	4.3	8.58	ug/Kg
Acenaphthylene	4.3	<RDL	3.9	7.87	ug/Kg		<MDL	4.3	8.58	ug/Kg
Anthracene	44.9		3.9	7.87	ug/Kg	11.9		4.3	8.58	ug/Kg
Benzo(a)anthracene	113		3.9	7.87	ug/Kg	27.3		4.3	8.58	ug/Kg
Benzo(a)pyrene	104		3.9	7.87	ug/Kg	28.8		4.3	8.58	ug/Kg
Benzo(b)fluoranthene	119		3.9	7.87	ug/Kg	29		4.3	8.58	ug/Kg
Benzo(g,h,i)perylene	50.2		3.9	7.87	ug/Kg	14.6		4.3	8.58	ug/Kg
Benzo(k)fluoranthene	123		3.9	7.87	ug/Kg	46.8		4.3	8.58	ug/Kg
Benzoic Acid	90.6		20	39.4	ug/Kg	79.8		21	42.9	ug/Kg
Benzyl Alcohol		<MDL	3.9	7.87	ug/Kg		<MDL	4.3	8.58	ug/Kg
Benzyl Butyl Phthalate	24.6	B	2	3.94	ug/Kg	13.1	B	2.1	4.29	ug/Kg
Bis(2-Ethylhexyl)Phthalate	274	B	7.9	15.7	ug/Kg	588	B2	8.6	17.2	ug/Kg
Caffeine		<MDL	7.9	15.7	ug/Kg		<MDL	8.6	17.2	ug/Kg
Carbazole	10.7		3.9	7.87	ug/Kg		<MDL	4.3	8.58	ug/Kg
Chrysene	150		3.9	7.87	ug/Kg	37.1		4.3	8.58	ug/Kg
Coprostanol		<MDL	79	157	ug/Kg		<MDL	86	172	ug/Kg
Di-N-Butyl Phthalate	15.9		7.9	15.7	ug/Kg		<MDL	8.6	17.2	ug/Kg
Di-N-Octyl Phthalate		<MDL	7.9	15.7	ug/Kg		<MDL	8.6	17.2	ug/Kg
Dibenzo(a,h)anthracene	18.2		3.9	7.87	ug/Kg	7.1	<RDL	4.3	8.58	ug/Kg
Dibenzofuran	5.9	<RDL	3.9	7.87	ug/Kg		<MDL	4.3	8.58	ug/Kg
Diethyl Phthalate		<MDL	7.9	15.7	ug/Kg		<MDL	8.6	17.2	ug/Kg
Dimethyl Phthalate		<MDL	7.9	15.7	ug/Kg		<MDL	8.6	17.2	ug/Kg
Fluoranthene	193		3.9	7.87	ug/Kg	67.2		4.3	8.58	ug/Kg
Fluorene	11.3		3.9	7.87	ug/Kg	6.9	<RDL	4.3	8.58	ug/Kg
Hexachlorobenzene		<MDL	0.2	0.394	ug/Kg		<MDL	0.21	0.429	ug/Kg
Hexachlorobutadiene		<MDL	0.98	1.97	ug/Kg		<MDL	1.1	2.15	ug/Kg
Hexachloroethane		<MDL	2	3.94	ug/Kg		<MDL	2.1	4.29	ug/Kg
Indeno(1,2,3-Cd)Pyrene	51.8		3.9	7.87	ug/Kg	14.5		4.3	8.58	ug/Kg
N-Nitrosodiphenylamine		<MDL	7.9	15.7	ug/Kg		<MDL	8.6	17.2	ug/Kg

King County Environmental Lab Analytical Report

Project:	423062-200-4	Project:	423062-200-4
Locator:	DUD_14C	Locator:	DUD_15C
Descrip:	PERIMETER LOCATION	Descrip:	DUDI PERIMETER LOC
Sample:	L47893-7	Sample:	L47893-8
Matrix:	SF SALTWTRSED	Matrix:	SF SALTWTRSED
ColDate:	4/28/09 12:22	ColDate:	4/28/09 12:36
TimeSpan:		TimeSpan:	
TotalSolid:	50.8	TotalSolid:	46.6
ClientLoc:		ClientLoc:	
SampDepth:	8	SampDepth:	8
DRY Weight Basis		**DRY Weight Basis**	

Parameters	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
Naphthalene		<MDL	3.9	7.87	ug/Kg		<MDL	4.3	8.58	ug/Kg
Pentachlorophenol		<MDL	20	39.4	ug/Kg		<MDL	21	42.9	ug/Kg
Phenanthrene	71.1		3.9	7.87	ug/Kg	28.5		4.3	8.58	ug/Kg
Phenol		<MDL	7.9	15.7	ug/Kg		<MDL	8.6	17.2	ug/Kg
Pyrene	236		3.9	7.87	ug/Kg	67.4		4.3	8.58	ug/Kg
Total 4-Nonylphenol		<MDL	9.8	19.7	ug/Kg		<MDL	11	21.5	ug/Kg
Total HPAHS	1160		3.9	7.87	ug/Kg	339		4.3	8.58	ug/Kg
Total LPAHs	143		3.9	7.87	ug/Kg	55.8		4.3	8.58	ug/Kg
OR SW846 3550B*SW846 8081B										
4,4'-DDD*		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg
4,4'-DDE*		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg
4,4'-DDT*		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg
Aldrin		<MDL	1.3	2.62	ug/Kg		<MDL	1.4	2.85	ug/Kg
Alpha-BHC		<MDL	0.65	1.31	ug/Kg		<MDL	0.71	1.43	ug/Kg
Alpha-Chlordane		<MDL	0.65	1.31	ug/Kg		<MDL	0.71	1.43	ug/Kg
Beta-BHC		<MDL	0.65	1.31	ug/Kg		<MDL	0.71	1.43	ug/Kg
Delta-BHC		<MDL	0.65	1.31	ug/Kg		<MDL	0.71	1.43	ug/Kg
Dieldrin		<MDL	1.3	2.62	ug/Kg		<MDL	1.4	2.85	ug/Kg
Endosulfan I		<MDL	1.3	2.62	ug/Kg		<MDL	1.4	2.85	ug/Kg
Endosulfan II		<MDL	1.3	2.62	ug/Kg		<MDL	1.4	2.85	ug/Kg
Endosulfan Sulfate		<MDL	1.3	2.62	ug/Kg		<MDL	1.4	2.85	ug/Kg
Endrin		<MDL	1.3	2.62	ug/Kg		<MDL	1.4	2.85	ug/Kg
Endrin Aldehyde		<MDL	1.3	2.62	ug/Kg		<MDL	1.4	2.85	ug/Kg
Gamma-BHC (Lindane)		<MDL	0.65	1.31	ug/Kg		<MDL	0.71	1.43	ug/Kg
Gamma-Chlordane		<MDL	0.65	1.31	ug/Kg		<MDL	0.71	1.43	ug/Kg
Heptachlor		<MDL	0.65	1.31	ug/Kg		<MDL	0.71	1.43	ug/Kg
Heptachlor Epoxide		<MDL	0.65	1.31	ug/Kg		<MDL	0.71	1.43	ug/Kg
Methoxychlor		<MDL	6.5	13.1	ug/Kg		<MDL	7.1	14.3	ug/Kg
Toxaphene		<MDL	13	26.2	ug/Kg		<MDL	14	28.5	ug/Kg
OR SW846 3550B*SW846 8082A										
Aroclor 1016		<MDL,TA	18	34.8	ug/Kg		<MDL,TA	4.7	9.29	ug/Kg
Aroclor 1221		<MDL	3.3	6.56	ug/Kg		<MDL	3.6	7.15	ug/Kg
Aroclor 1232		<MDL,TA	33	65.9	ug/Kg		<MDL,TA	6.4	12.7	ug/Kg
Aroclor 1242		<MDL,TA	53	106	ug/Kg		<MDL,TA	14	28.1	ug/Kg
Aroclor 1248	37.2		1.6	3.29	ug/Kg	10.2		1.8	3.58	ug/Kg
Aroclor 1254	45.9		1.6	3.29	ug/Kg	12.9		1.8	3.58	ug/Kg
Aroclor 1260	60.8		1.6	3.29	ug/Kg	7.9		1.8	3.58	ug/Kg
Total Aroclors	144		1.6	3.29	ug/Kg	30.9		1.8	3.58	ug/Kg

* Not converted to dry weight basis

Appendix C5 –
Perimeter Stations 2008

King County Environmental Lab Analytical Report

PROJECT: 423062-200-4

Locator:	DUD_1C	DUD_2C	DUD_8C	DUD_8C
Descrip:	CLEANUP AREA PERIM	CLEANUP AREA PERIM	CLEANUP AREA PERIM	CLEANUP AREA PERIM
Sampled:	03/24/08 12:08:00 PM	03/24/08 12:28:00 PM	03/24/08 1:05:00 PM	03/24/08 1:21:00 PM
Lab ID:	L45302-1	L45302-2	L45302-3	L45302-4
Matrix:	SALTWTRSED	SALTWTRSED	SALTWTRSED	SALTWTRSED
% Solids:	44.6	45.6	73.9	75.4

Parameters	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
			- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis		
COMBINED LABS																				
M=CV ASTM D422(318V1)																				
Clay *	19.8		1.1	2.2	%	19.5		1.1	2.16	%	4.5		0.64	1.28	%	5.3		0.66	1.32	%
Dry Weight Factor	4.9					4.7					1.7					1.8				
Fines *	74.9		1.1	2.2	%	69.2		1.1	2.16	%	10.3		0.64	1.28	%	11.2		0.66	1.32	%
Gravel *	1.5		0.22	2.2	%	1.3		0.22	2.16	%	16.8		0.13	1.28	%	25.2		0.13	1.32	%
p+0.00 *	0.4	<RDL	0.22	2.2	%	0.4	<RDL	0.22	2.16	%	6.4		0.13	1.28	%	6.7		0.13	1.32	%
p+1.00 *	0.8	<RDL	0.22	2.2	%	0.9	<RDL	0.22	2.16	%	9.9		0.13	1.28	%	10.2		0.13	1.32	%
p+10.0(equal/more than) *	15.4		1.1	2.2	%	13		1.1	2.16	%	3.2		0.64	1.28	%	4		0.66	1.32	%
p+2.00 *	3		0.22	2.2	%	5.4		0.22	2.16	%	30.1		0.13	1.28	%	28.1		0.13	1.32	%
p+3.00 *	6.5		0.22	2.2	%	9.4		0.22	2.16	%	19		0.13	1.28	%	17.1		0.13	1.32	%
p+4.00 *	9.8		0.22	2.2	%	9.9		0.22	2.16	%	4.8		0.13	1.28	%	4.2		0.13	1.32	%
p+5.00 *	5.5		1.1	2.2	%	4.3		1.1	2.16	%	2.6		0.64	1.28	%	2.6		0.66	1.32	%
p+6.00 *	31.9		1.1	2.2	%	26		1.1	2.16	%	0.6	<RDL	0.64	1.28	%	0.7	<RDL	0.66	1.32	%
p+7.00 *	13.2		1.1	2.2	%	13		1.1	2.16	%	1.3		0.64	1.28	%	1.3		0.66	1.32	%
p+8.00 *	4.4		1.1	2.2	%	6.5		1.1	2.16	%	1.3		0.64	1.28	%	1.3		0.66	1.32	%
p+9.00 *	4.4		1.1	2.2	%	6.5		1.1	2.16	%	1.3		0.64	1.28	%	1.3		0.66	1.32	%
p-1.00 *		<MDL	0.22	2.2	%	0.3	<RDL	0.22	2.16	%	8.8		0.13	1.28	%	10.4		0.13	1.32	%
p-2.00 *		<MDL	0.22	2.2	%		<MDL	0.22	2.16	%	3.6		0.13	1.28	%	5.9		0.13	1.32	%
p-2.00(less than) *	1.5		0.22	2.2	%	1	<RDL	0.22	2.16	%	4.4		0.13	1.28	%	8.9		0.13	1.32	%
Sand *	20.5		0.22	2.2	%	26		0.22	2.16	%	70.3		0.13	1.28	%	66.2		0.13	1.32	%
Silt *	55.1		1.1	2.2	%	49.8		1.1	2.16	%	5.8		0.64	1.28	%	5.9		0.66	1.32	%
M=CV EPA 9060-PSEP96(337V3)																				
Total Organic Carbon	28900		2900	6030	mg/Kg	24100		3100	6290	mg/Kg	4760		1300	2580	mg/Kg	3540		1000	2100	mg/Kg
M=CV SM2540-G (307V2)																				
Total Solids *	44.6		0.005	0.01	%	45.6		0.005	0.01	%	73.9		0.005	0.01	%	75.4		0.005	0.01	%
M=ES NONE																				
Field Personnel	SH,BK,JB				none	SH,BK,JB				none	SH,BK,JB				none	SH,BK,JB				none
Sampcoordx1 *	1267166				ft	1267175				ft	1266864				ft	1266866				ft
Sampcoordx2 *	1267169				ft	1267170				ft	1266866				ft	1266865				ft
Sampcoordx3 *	1267165				ft	1267165				ft	1266867				ft	1266868				ft
Sampcoordx4 *	1267168				ft	1267166				ft	1266867				ft	1266863				ft
Sampcoordx5 *	1267165				ft	1267166				ft	1266867				ft	1266867				ft
Sampcoordx6 *																1266866				ft
Sampcoordy1 *	208757				ft	208650				ft	208919				ft	208923				ft
Sampcoordy2 *	208756				ft	208657				ft	208918				ft	208928				ft
Sampcoordy3 *	208761				ft	208653				ft	208918				ft	208925				ft
Sampcoordy4 *	208755				ft	208650				ft	208914				ft	208922				ft
Sampcoordy5 *	208754				ft	208654				ft	208917				ft	208918				ft
Sampcoordy6 *																208919				ft
Sample Depth *	5				m	5				m	10				m	10				m
Sample Function																FREP @ L45302-3				none
Sampling Method *	20042				none	20042				none	20042				none	20042				none
Sediment Sampling Depth *	15				cm	9				cm	8				cm	7				cm
Sediment Sampling Range *	0-10 cm				cm	0-8 cm				cm	0-7 cm				cm	0-6 cm				cm
Sediment Type	21T36				none	21N31				none	34S21				none	34S21				none
Tidal Condition	E				none	E				none	S				none	S				none
Tide Height *	2				ft	1.5				ft	0.7				ft	0.3				ft

King County Environmental Lab Analytical Report

PROJECT: 423062-200-4

Locator:	DUD_1C	DUD_2C	DUD_8C	DUD_8C
Descrip:	CLEANUP AREA PERIM	CLEANUP AREA PERIM	CLEANUP AREA PERIM	CLEANUP AREA PERIM
Sampled:	03/24/08 12:08:00 PM	03/24/08 12:28:00 PM	03/24/08 1:05:00 PM	03/24/08 1:21:00 PM
Lab ID:	L45302-1	L45302-2	L45302-3	L45302-4
Matrix:	SALTWTRSED	SALTWTRSED	SALTWTRSED	SALTWTRSED
% Solids:	44.6	45.6	73.9	75.4

Parameters	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
			- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis		
COMBINED LABS																				
M=MT CVAA EPA 7471B (604V4)																				
Mercury, Total, CVAA	0.208		0.011	0.11	mg/Kg	0.185		0.011	0.112	mg/Kg	0.0765		0.0068	0.0674	mg/Kg	0.053	<RDL	0.0068	0.0678	mg/Kg
M=MT ICP EPA3050B/6010C MOD(612V3)																				
Aluminum, Total, ICP	21400		11	55.6	mg/Kg	20600		11	54.8	mg/Kg	10700		6.8	33.7	mg/Kg	12100		6.6	32.9	mg/Kg
Antimony, Total, ICP		<MDL,G	1.7	8.36	mg/Kg		<MDL,G	1.6	8.2	mg/Kg		<MDL,G	1	5.05	mg/Kg		<MDL,G	0.99	4.95	mg/Kg
Arsenic, Total, ICP	15.2		2.7	13.9	mg/Kg	14.6		2.6	13.7	mg/Kg	6.4	<RDL	1.6	8.42	mg/Kg	4.5	<RDL	1.6	8.24	mg/Kg
Beryllium, Total, ICP	0.45	<RDL	0.11	0.556	mg/Kg	0.44	<RDL	0.11	0.548	mg/Kg	0.16	<RDL	0.068	0.337	mg/Kg	0.16	<RDL	0.066	0.329	mg/Kg
Cadmium, Total, ICP	0.7	<RDL	0.22	1.11	mg/Kg	0.53	<RDL	0.22	1.09	mg/Kg	0.42	<RDL	0.14	0.674	mg/Kg	0.23	<RDL	0.13	0.659	mg/Kg
Chromium, Total, ICP	35.9		0.34	1.67	mg/Kg	34.2		0.33	1.64	mg/Kg	22.1		0.2	1.01	mg/Kg	23.7		0.2	0.988	mg/Kg
Copper, Total, ICP	91.3		0.45	2.23	mg/Kg	82.5		0.44	2.19	mg/Kg	50.9		0.27	1.35	mg/Kg	54.6		0.27	1.32	mg/Kg
Iron, Total, ICP	33000		5.6	27.8	mg/Kg	32200		5.5	27.4	mg/Kg	18900		3.4	16.8	mg/Kg	21900		3.3	16.4	mg/Kg
Lead, Total, ICP	60.1		2.2	11.1	mg/Kg	50.7		2.2	10.9	mg/Kg	26.4		1.4	6.74	mg/Kg	18		1.3	6.59	mg/Kg
Manganese, Total, ICP	370		0.22	1.11	mg/Kg	364		0.22	1.09	mg/Kg	226		0.14	0.674	mg/Kg	296		0.13	0.659	mg/Kg
Nickel, Total, ICP	24.9		0.56	2.78	mg/Kg	23.5		0.55	2.74	mg/Kg	17.3		0.34	1.68	mg/Kg	18.8		0.33	1.64	mg/Kg
Selenium, Total, ICP		<MDL	2.7	13.9	mg/Kg		<MDL	2.6	13.7	mg/Kg		<MDL	1.6	8.42	mg/Kg		<MDL	1.6	8.24	mg/Kg
Silver, Total, ICP	0.49	<RDL	0.45	2.23	mg/Kg	0.48	<RDL	0.44	2.19	mg/Kg	0.45	<RDL	0.27	1.35	mg/Kg		<MDL	0.27	1.32	mg/Kg
Thallium, Total, ICP		<MDL	4.5	22.3	mg/Kg		<MDL	4.4	21.9	mg/Kg		<MDL	2.7	13.5	mg/Kg		<MDL	2.7	13.2	mg/Kg
Zinc, Total, ICP	199		0.56	2.78	mg/Kg	168		0.55	2.74	mg/Kg	67		0.34	1.68	mg/Kg	58.1		0.33	1.64	mg/Kg
M=OR EPA 3550B/8270C (7-3-01-004)																				
1,2,4-Trichlorobenzene		<MDL	0.22	0.448	ug/Kg		<MDL	0.22	0.439	ug/Kg		<MDL	0.14	0.271	ug/Kg		<MDL	0.13	0.265	ug/Kg
1,2-Dichlorobenzene		<MDL	0.45	0.897	ug/Kg		<MDL	0.44	0.877	ug/Kg		<MDL	0.27	0.541	ug/Kg	0.48	<RDL	0.27	0.531	ug/Kg
1,3-Dichlorobenzene		<MDL	0.45	0.897	ug/Kg		<MDL	0.44	0.877	ug/Kg		<MDL	0.27	0.541	ug/Kg		<MDL	0.27	0.531	ug/Kg
1,4-Dichlorobenzene	2.42		0.45	0.897	ug/Kg	1.71		0.44	0.877	ug/Kg		<MDL	0.27	0.541	ug/Kg	0.855		0.27	0.531	ug/Kg
2,4-Dimethylphenol		<MDL	2.2	4.48	ug/Kg		<MDL	2.2	4.39	ug/Kg		<MDL	1.4	2.71	ug/Kg		<MDL	1.3	2.65	ug/Kg
2-Methylnaphthalene	11.8		4.5	8.97	ug/Kg	45.8		4.4	8.77	ug/Kg	5.49		2.7	5.41	ug/Kg	3.3	<RDL	2.7	5.31	ug/Kg
2-Methylphenol		<MDL	4.5	8.97	ug/Kg		<MDL	4.4	8.77	ug/Kg		<MDL	2.7	5.41	ug/Kg		<MDL	2.7	5.31	ug/Kg
4-Methylphenol		<MDL	9	17.9	ug/Kg		<MDL	8.8	17.5	ug/Kg		<MDL	5.4	10.8	ug/Kg		<MDL	5.3	10.6	ug/Kg
Acenaphthene	17.6		4.5	8.97	ug/Kg	106		4.4	8.77	ug/Kg	4.2	<RDL	2.7	5.41	ug/Kg	7.72		2.7	5.31	ug/Kg
Acenaphthylene	11.9		4.5	8.97	ug/Kg	19.8		4.4	8.77	ug/Kg	2.8	<RDL	2.7	5.41	ug/Kg	2.7	<RDL	2.7	5.31	ug/Kg
Anthracene	80.9		4.5	8.97	ug/Kg	166		4.4	8.77	ug/Kg	24.6		2.7	5.41	ug/Kg	25.6		2.7	5.31	ug/Kg
Benzo(a)anthracene	325		4.5	8.97	ug/Kg	700		4.4	8.77	ug/Kg	53.5		2.7	5.41	ug/Kg	49.5		2.7	5.31	ug/Kg
Benzo(a)pyrene	265		4.5	8.97	ug/Kg	384		4.4	8.77	ug/Kg	65.6		2.7	5.41	ug/Kg	47.5		2.7	5.31	ug/Kg
Benzo(b)fluoranthene	379		4.5	8.97	ug/Kg	596		4.4	8.77	ug/Kg	82.3		2.7	5.41	ug/Kg	54.4		2.7	5.31	ug/Kg
Benzo(g,h,i)perylene	174		4.5	8.97	ug/Kg	162		4.4	8.77	ug/Kg	36.4		2.7	5.41	ug/Kg	26.4		2.7	5.31	ug/Kg
Benzo(k)fluoranthene	283		4.5	8.97	ug/Kg	417		4.4	8.77	ug/Kg	82.9		2.7	5.41	ug/Kg	50.9		2.7	5.31	ug/Kg
Benzoic Acid	661	B	22	44.8	ug/Kg	1290	B	22	43.9	ug/Kg	287	B	14	27.1	ug/Kg	187	B	13	26.5	ug/Kg
Benzyl Alcohol		<MDL	4.5	8.97	ug/Kg		<MDL	4.4	8.77	ug/Kg		<MDL	2.7	5.41	ug/Kg		<MDL	2.7	5.31	ug/Kg
Benzyl Butyl Phthalate	175	B	2.2	4.48	ug/Kg	128	B	2.2	4.39	ug/Kg	31.9	B	1.4	2.71	ug/Kg	19.2	B	1.3	2.65	ug/Kg
Bis(2-Ethylhexyl)Phthalate	2330	B	9	17.9	ug/Kg	1580	B	8.8	17.5	ug/Kg	552	B	5.4	10.8	ug/Kg	247	B	5.3	10.6	ug/Kg
Caffeine		<MDL	9	17.9	ug/Kg		<MDL	8.8	17.5	ug/Kg		<MDL	5.4	10.8	ug/Kg		<MDL	5.3	10.6	ug/Kg
Carbazole	167		4.5	8.97	ug/Kg	36.8		4.4	8.77	ug/Kg	11.1		2.7	5.41	ug/Kg	8.14		2.7	5.31	ug/Kg
Chrysene	453		4.5	8.97	ug/Kg	750		4.4	8.77	ug/Kg	83.4		2.7	5.41	ug/Kg	67.9		2.7	5.31	ug/Kg
Coprostanol		<MDL	90	179	ug/Kg		<MDL	88	175	ug/Kg		<MDL	54	108	ug/Kg		<MDL	53	106	ug/Kg
Dibenzo(a,h)anthracene	96.2		4.5	8.97	ug/Kg	99.6		4.4	8.77	ug/Kg	12.5		2.7	5.41	ug/Kg	7.9		2.7	5.31	ug/Kg
Dibenzofuran	14.5		4.5	8.97	ug/Kg	70		4.4	8.77	ug/Kg	5.3	<RDL	2.7	5.41	ug/Kg	6.23		2.7	5.31	ug/Kg
Diethyl Phthalate		<MDL	9	17.9	ug/Kg		<MDL	8.8	17.5	ug/Kg		<MDL	5.4	10.8	ug/Kg		<MDL	5.3	10.6	ug/Kg
Dimethyl Phthalate		<MDL	9	17.9	ug/Kg		<MDL	8.8	17.5	ug/Kg		<MDL	5.4	10.8	ug/Kg	15.5		5.3	10.6	ug/Kg

King County Environmental Lab Analytical Report

PROJECT: 423062-200-4

Locator:	DUD_1C	DUD_2C	DUD_8C	DUD_8C
Descrip:	CLEANUP AREA PERIM	CLEANUP AREA PERIM	CLEANUP AREA PERIM	CLEANUP AREA PERIM
Sampled:	03/24/08 12:08:00 PM	03/24/08 12:28:00 PM	03/24/08 1:05:00 PM	03/24/08 1:21:00 PM
Lab ID:	L45302-1	L45302-2	L45302-3	L45302-4
Matrix:	SALTWTRSED	SALTWTRSED	SALTWTRSED	SALTWTRSED
% Solids:	44.6	45.6	73.9	75.4

Parameters	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
			- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis		
COMBINED LABS																				
Di-N-Butyl Phthalate	52.2	B	9	17.9	ug/Kg	36	B	8.8	17.5	ug/Kg	18.9	B	5.4	10.8	ug/Kg	7.2	<RDL,B	5.3	10.6	ug/Kg
Di-N-Octyl Phthalate		<MDL	9	17.9	ug/Kg		<MDL	8.8	17.5	ug/Kg		<MDL	5.4	10.8	ug/Kg		<MDL	5.3	10.6	ug/Kg
Fluoranthene	536		4.5	8.97	ug/Kg	1580		4.4	8.77	ug/Kg	75.1		2.7	5.41	ug/Kg	110		2.7	5.31	ug/Kg
Fluorene	52.5		4.5	8.97	ug/Kg	130		4.4	8.77	ug/Kg	25.4		2.7	5.41	ug/Kg	13.4		2.7	5.31	ug/Kg
Hexachlorobenzene		<MDL	0.22	0.448	ug/Kg		<MDL	0.22	0.439	ug/Kg		<MDL	0.14	0.271	ug/Kg		<MDL	0.13	0.265	ug/Kg
Hexachlorobutadiene		<MDL	1.1	2.24	ug/Kg		<MDL	1.1	2.19	ug/Kg		<MDL	0.68	1.35	ug/Kg		<MDL	0.66	1.33	ug/Kg
Hexachloroethane		<MDL	2.2	4.48	ug/Kg		<MDL	2.2	4.39	ug/Kg		<MDL	1.4	2.71	ug/Kg		<MDL	1.3	2.65	ug/Kg
Indeno(1,2,3-Cd)Pyrene	192		4.5	8.97	ug/Kg	209		4.4	8.77	ug/Kg	41.4		2.7	5.41	ug/Kg	29.8		2.7	5.31	ug/Kg
Naphthalene	9.78		4.5	8.97	ug/Kg	13.1		4.4	8.77	ug/Kg	3.5	<RDL	2.7	5.41	ug/Kg		<MDL	2.7	5.31	ug/Kg
N-Nitrosodiphenylamine		<MDL	9	17.9	ug/Kg		<MDL	8.8	17.5	ug/Kg		<MDL	5.4	10.8	ug/Kg		<MDL	5.3	10.6	ug/Kg
Pentachlorophenol		<MDL	22	44.8	ug/Kg		<MDL	22	43.9	ug/Kg		<MDL	14	27.1	ug/Kg		<MDL	13	26.5	ug/Kg
Phenanthrene	235		4.5	8.97	ug/Kg	662		4.4	8.77	ug/Kg	46		2.7	5.41	ug/Kg	68.2		2.7	5.31	ug/Kg
Phenol	83.4	E	9	17.9	ug/Kg	43.4	E	8.8	17.5	ug/Kg		<MDL,E	5.4	10.8	ug/Kg		<MDL,E	5.3	10.6	ug/Kg
Pyrene	910		4.5	8.97	ug/Kg	2140		4.4	8.77	ug/Kg	169		2.7	5.41	ug/Kg	135		2.7	5.31	ug/Kg
Total HPAHS	3610		4.5	8.97	ug/Kg	6860		4.4	8.77	ug/Kg	702		2.7	5.41	ug/Kg	580		2.7	5.31	ug/Kg
Total LPAHs	397		4.5	8.97	ug/Kg	1090		4.4	8.77	ug/Kg	97.4		2.7	5.41	ug/Kg	123		2.7	5.31	ug/Kg
M=OR EPA 8081A/8082 (7-3-03-002)																				
4,4'-DDD		<MDL	1.5	2.98	ug/Kg		<MDL	1.5	2.92	ug/Kg	2.65		0.91	1.8	ug/Kg	1.2	<RDL	0.89	1.76	ug/Kg
4,4'-DDE		<MDL	1.5	2.98	ug/Kg		<MDL	1.5	2.92	ug/Kg		<MDL	0.91	1.8	ug/Kg		<MDL	0.89	1.76	ug/Kg
4,4'-DDT		<MDL	1.5	2.98	ug/Kg		<MDL	1.5	2.92	ug/Kg		<MDL	0.91	1.8	ug/Kg		<MDL	0.89	1.76	ug/Kg
Aldrin		<MDL	1.5	2.98	ug/Kg		<MDL	1.5	2.92	ug/Kg		<MDL	0.91	1.8	ug/Kg		<MDL	0.89	1.76	ug/Kg
Alpha-BHC		<MDL	0.74	1.5	ug/Kg		<MDL	0.72	1.46	ug/Kg		<MDL	0.45	0.903	ug/Kg		<MDL	0.44	0.885	ug/Kg
Alpha-Chlordane		<MDL	0.74	1.5	ug/Kg		<MDL	0.72	1.46	ug/Kg		<MDL	0.45	0.903	ug/Kg		<MDL	0.44	0.885	ug/Kg
Beta-BHC		<MDL	0.74	1.5	ug/Kg		<MDL	0.72	1.46	ug/Kg		<MDL	0.45	0.903	ug/Kg		<MDL	0.44	0.885	ug/Kg
Delta-BHC		<MDL	0.74	1.5	ug/Kg		<MDL	0.72	1.46	ug/Kg		<MDL	0.45	0.903	ug/Kg		<MDL	0.44	0.885	ug/Kg
Dieldrin		<MDL	1.5	2.98	ug/Kg		<MDL	1.5	2.92	ug/Kg		<MDL	0.91	1.8	ug/Kg		<MDL	0.89	1.76	ug/Kg
Endosulfan I		<MDL	1.5	2.98	ug/Kg		<MDL	1.5	2.92	ug/Kg		<MDL	0.91	1.8	ug/Kg		<MDL	0.89	1.76	ug/Kg
Endosulfan II		<MDL	1.5	2.98	ug/Kg		<MDL	1.5	2.92	ug/Kg		<MDL	0.91	1.8	ug/Kg		<MDL	0.89	1.76	ug/Kg
Endosulfan Sulfate		<MDL	1.5	2.98	ug/Kg		<MDL	1.5	2.92	ug/Kg		<MDL	0.91	1.8	ug/Kg		<MDL	0.89	1.76	ug/Kg
Endrin		<MDL	1.5	2.98	ug/Kg		<MDL	1.5	2.92	ug/Kg		<MDL	0.91	1.8	ug/Kg		<MDL	0.89	1.76	ug/Kg
Endrin Aldehyde		<MDL,E	1.5	2.98	ug/Kg		<MDL,E	1.5	2.92	ug/Kg		<MDL,E	0.91	1.8	ug/Kg		<MDL,E	0.89	1.76	ug/Kg
Gamma-BHC (Lindane)		<MDL	0.74	1.5	ug/Kg		<MDL	0.72	1.46	ug/Kg		<MDL	0.45	0.903	ug/Kg		<MDL	0.44	0.885	ug/Kg
Gamma-Chlordane	6.84		0.74	1.5	ug/Kg	4.25		0.72	1.46	ug/Kg		<MDL	0.45	0.903	ug/Kg		<MDL	0.44	0.885	ug/Kg
Heptachlor		<MDL	0.74	1.5	ug/Kg		<MDL	0.72	1.46	ug/Kg		<MDL	0.45	0.903	ug/Kg		<MDL	0.44	0.885	ug/Kg
Heptachlor Epoxide		<MDL	0.74	1.5	ug/Kg		<MDL	0.72	1.46	ug/Kg		<MDL	0.45	0.903	ug/Kg		<MDL	0.44	0.885	ug/Kg
Methoxychlor		<MDL	7.4	15	ug/Kg		<MDL	7.2	14.6	ug/Kg		<MDL	4.5	9.03	ug/Kg		<MDL	4.4	8.85	ug/Kg
Toxaphene		<MDL	15	29.8	ug/Kg		<MDL	15	29.2	ug/Kg		<MDL	9.1	18	ug/Kg		<MDL	8.9	17.6	ug/Kg
M=OR EPA 8081A/8082 (7-3-103-000)																				
Aroclor 1016		<MDL,TA	61	120	ug/Kg		<MDL,TA	33	65.1	ug/Kg		<MDL,TA	130	257	ug/Kg		<MDL,TA	48	95.1	ug/Kg
Aroclor 1221		<MDL,TA	12	24.4	ug/Kg		<MDL,TA	7.9	15.9	ug/Kg		<MDL,TA	24	48.6	ug/Kg		<MDL,TA	9.3	18.4	ug/Kg
Aroclor 1232		<MDL,TA	90	180	ug/Kg		<MDL,TA	42	83.6	ug/Kg		<MDL,TA	220	434	ug/Kg		<MDL,TA	80	160	ug/Kg
Aroclor 1242		<MDL,TA	94	190	ug/Kg		<MDL,TA	46	93.4	ug/Kg		<MDL,TA	200	403	ug/Kg		<MDL,TA	86	171	ug/Kg
Aroclor 1248	87.4		1.9	3.74	ug/Kg	41.9		1.8	3.66	ug/Kg	165		1.1	2.26	ug/Kg	67.8		1.1	2.21	ug/Kg
Aroclor 1254	112		1.9	3.74	ug/Kg	56.8		1.8	3.66	ug/Kg	165		1.1	2.26	ug/Kg	78.8		1.1	2.21	ug/Kg
Aroclor 1260	63.2		1.9	3.74	ug/Kg	42.8		1.8	3.66	ug/Kg	77.4		1.1	2.26	ug/Kg	26.3		1.1	2.21	ug/Kg
Total Aroclors	262		1.9	3.74	ug/Kg	142		1.8	3.66	ug/Kg	407		1.1	2.26	ug/Kg	172		1.1	2.21	ug/Kg

* Not converted to dry weight basis for this parameter

King County Environmental Lab Analytical Report

PROJECT: 423062-200-4

Locator:	DUD_9C	DUD_10C	DUD_11C	DUD_12C
Descrip:	CLEANUP AREA PERIM	CLEANUP AREA PERIM	CLEANUP AREA PERIM	CLEANUP AREA PERIM
Sampled:	03/24/08 2:03:00 PM	03/24/08 2:30:00 PM	03/25/08 9:00:00 AM	03/25/08 9:45:00 AM
Lab ID:	L45302-5	L45302-6	L45302-7	L45302-8
Matrix:	SALTWTRSED	SALTWTRSED	SALTWTRSED	SALTWTRSED
% Solids:	72.1	65.7	72.8	64.9

Parameters	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
			- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis		
COMBINED LABS																				
M=CV ASTM D422(318V1)																				
Clay *	5.8		0.64	1.28	%	12.2		0.76	1.52	%	5.9		0.65	1.31	%	13.1		0.77	1.54	%
Dry Weight Factor	1.8					2.3					1.8					2.4				
Fines *	16		0.64	1.28	%	33.5		0.76	1.52	%	15.7		0.65	1.31	%	43.2		0.77	1.54	%
Gravel *	10.2		0.13	1.28	%	4.7		0.15	1.52	%	6.8		0.13	1.31	%	0.4	<RDL	0.15	1.54	%
p+0.00 *	4.4		0.13	1.28	%	2.7		0.15	1.52	%	3.7		0.13	1.31	%	0.6	<RDL	0.15	1.54	%
p+1.00 *	11.2		0.13	1.28	%	11.9		0.15	1.52	%	7.2		0.13	1.31	%	1.7		0.15	1.54	%
p+10.0(equal/more than) *	3.8		0.64	1.28	%	9.1		0.76	1.52	%	3.9		0.65	1.31	%	9.3		0.77	1.54	%
p+2.00 *	35.7		0.13	1.28	%	24.3		0.15	1.52	%	28.7		0.13	1.31	%	13.2		0.15	1.54	%
p+3.00 *	16.2		0.13	1.28	%	13.9		0.15	1.52	%	28.1		0.13	1.31	%	28.4		0.15	1.54	%
p+4.00 *	6.3		0.13	1.28	%	7.7		0.15	1.52	%	6.8		0.13	1.31	%	12.8		0.15	1.54	%
p+5.00 *	3.2		0.64	1.28	%	4.6		0.76	1.52	%	2.6		0.65	1.31	%	4.6		0.77	1.54	%
p+6.00 *	2.6		0.64	1.28	%	4.6		0.76	1.52	%	2.6		0.65	1.31	%	10.8		0.77	1.54	%
p+7.00 *	2.6		0.64	1.28	%	7.6		0.76	1.52	%	2		0.65	1.31	%	8.5		0.77	1.54	%
p+8.00 *	1.9		0.64	1.28	%	4.6		0.76	1.52	%	2.6		0.65	1.31	%	6.2		0.77	1.54	%
p+9.00 *	1.9		0.64	1.28	%	3		0.76	1.52	%	2		0.65	1.31	%	3.9		0.77	1.54	%
p-1.00 *	3.6		0.13	1.28	%	1.4		0.15	1.52	%	3.3		0.13	1.31	%	0.4	<RDL	0.15	1.54	%
p-2.00 *	1.4		0.13	1.28	%	0.7	<RDL	0.15	1.52	%	1	<RDL	0.13	1.31	%		<MDL	0.15	1.54	%
p-2.00(less than) *	5.2		0.13	1.28	%	2.6		0.15	1.52	%	2.6		0.13	1.31	%		<MDL	0.15	1.54	%
Sand *	73.8		0.13	1.28	%	60.4		0.15	1.52	%	74.6		0.13	1.31	%	56.7		0.15	1.54	%
Silt *	10.2		0.64	1.28	%	21.3		0.76	1.52	%	9.8		0.65	1.31	%	30.1		0.77	1.54	%
M=CV EPA 9060-PSEP96(337V3)																				
Total Organic Carbon	6730		980	1970	mg/Kg	9270		2700	5540	mg/Kg	6650		2200	4410	mg/Kg	12600		1800	3760	mg/Kg
M=CV SM2540-G (307V2)																				
Total Solids *	72.1		0.005	0.01	%	65.7		0.005	0.01	%	72.8		0.005	0.01	%	64.9		0.005	0.01	%
M=ES NONE																				
Field Personnel	SH,BK,JB				none	SH,BK,JB				none	JB,CB,CE,JDD				none	JB,CB,CE,JDD				none
Sampcoordx1 *	1266786				ft	1266660				ft	1266840				ft	1266815				ft
Sampcoordx2 *	1266784				ft	1266660				ft	1266843				ft	1266811				ft
Sampcoordx3 *	1266781				ft	1266662				ft	1266841				ft	1266813				ft
Sampcoordx4 *	1266787				ft	1266661				ft	1266849				ft	1266812				ft
Sampcoordx5 *	1266786				ft	1266665				ft	1266844				ft	1266808				ft
Sampcoordx6 *											1266841				ft					
Sampcoordy1 *	209157				ft	209518				ft	209540				ft	209629				ft
Sampcoordy2 *	209158				ft	209518				ft	209537				ft	209629				ft
Sampcoordy3 *	209159				ft	209513				ft	209536				ft	209628				ft
Sampcoordy4 *	209159				ft	209513				ft	209539				ft	209632				ft
Sampcoordy5 *	209160				ft	209514				ft	209538				ft	209634				ft
Sampcoordy6 *											209539				ft					
Sample Depth *	10				m	11				m	11				m	11				m
Sample Function																				
Sampling Method *	20042				none	20042				none	20042				none	20042				none
Sediment Sampling Depth *	7				cm	8				cm	8				cm	9				cm
Sediment Sampling Range *	0-6 cm				cm	0-7 cm				cm	0-7 cm				cm	0-8 cm				cm
Sediment Type	34S21				none	23N31				none	32N30				none	23N30				none
Tidal Condition	S				none	F				none	E				none	E				none
Tide Height *	0.8				ft	1.5				ft	9				ft	8				ft

King County Environmental Lab Analytical Report

PROJECT: 423062-200-4

Locator:	DUD_9C	DUD_10C	DUD_11C	DUD_12C
Descrip:	CLEANUP AREA PERIM	CLEANUP AREA PERIM	CLEANUP AREA PERIM	CLEANUP AREA PERIM
Sampled:	03/24/08 2:03:00 PM	03/24/08 2:30:00 PM	03/25/08 9:00:00 AM	03/25/08 9:45:00 AM
Lab ID:	L45302-5	L45302-6	L45302-7	L45302-8
Matrix:	SALTWTRSED	SALTWTRSED	SALTWTRSED	SALTWTRSED
% Solids:	72.1	65.7	72.8	64.9

Parameters	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
			- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis		
COMBINED LABS																				
M=MT CVAA EPA 7471B (604V4)																				
Mercury, Total, CVAA	0.0824		0.0067	0.0666	mg/Kg	0.128		0.0081	0.0801	mg/Kg	0.0732		0.0066	0.0661	mg/Kg	0.188		0.0077	0.0764	mg/Kg
M=MT ICP EPA3050B/6010C MOD(612V3)																				
Aluminum, Total, ICP	10900		6.9	34.5	mg/Kg	13000		7.6	38.1	mg/Kg	11800		6.9	34.2	mg/Kg	14500		7.7	38.4	mg/Kg
Antimony, Total, ICP		<MDL,G	1	5.19	mg/Kg		<MDL,G	1.1	5.71	mg/Kg		<MDL,G	1	5.12	mg/Kg		<MDL,G	1.2	5.75	mg/Kg
Arsenic, Total, ICP	6.2	<RDL	1.7	8.64	mg/Kg	9.62		1.8	9.5	mg/Kg	5.5	<RDL	1.6	8.54	mg/Kg	12		1.8	9.58	mg/Kg
Beryllium, Total, ICP	0.17	<RDL	0.069	0.345	mg/Kg	0.26	<RDL	0.076	0.381	mg/Kg	0.19	<RDL	0.069	0.342	mg/Kg	0.29	<RDL	0.077	0.384	mg/Kg
Cadmium, Total, ICP	0.43	<RDL	0.14	0.692	mg/Kg	0.44	<RDL	0.15	0.76	mg/Kg	0.21	<RDL	0.14	0.683	mg/Kg	0.74	<RDL	0.15	0.767	mg/Kg
Chromium, Total, ICP	21.6		0.21	1.04	mg/Kg	25.6		0.23	1.14	mg/Kg	21.2		0.21	1.02	mg/Kg	32.7		0.23	1.15	mg/Kg
Copper, Total, ICP	52.1		0.28	1.38	mg/Kg	49.3		0.3	1.52	mg/Kg	49.7		0.27	1.37	mg/Kg	71.3		0.31	1.53	mg/Kg
Iron, Total, ICP	19600		3.5	17.3	mg/Kg	21200		3.8	19	mg/Kg	20100		3.4	17	mg/Kg	28000		3.9	19.1	mg/Kg
Lead, Total, ICP	39.1		1.4	6.92	mg/Kg	43.5		1.5	7.6	mg/Kg	19.8		1.4	6.83	mg/Kg	94.9		1.5	7.67	mg/Kg
Manganese, Total, ICP	234		0.14	0.692	mg/Kg	236		0.15	0.76	mg/Kg	243		0.14	0.683	mg/Kg	253		0.15	0.767	mg/Kg
Nickel, Total, ICP	18		0.35	1.73	mg/Kg	20.7		0.38	1.9	mg/Kg	19.6		0.34	1.7	mg/Kg	27.6		0.39	1.91	mg/Kg
Selenium, Total, ICP		<MDL	1.7	8.64	mg/Kg		<MDL	1.8	9.5	mg/Kg		<MDL	1.6	8.54	mg/Kg		<MDL	1.8	9.58	mg/Kg
Silver, Total, ICP	0.36	<RDL	0.28	1.38	mg/Kg		<MDL	0.3	1.52	mg/Kg		<MDL	0.27	1.37	mg/Kg	0.51	<RDL	0.31	1.53	mg/Kg
Thallium, Total, ICP		<MDL	2.8	13.8	mg/Kg		<MDL	3	15.2	mg/Kg		<MDL	2.7	13.7	mg/Kg		<MDL	3.1	15.3	mg/Kg
Zinc, Total, ICP	74.8		0.35	1.73	mg/Kg	107		0.38	1.9	mg/Kg	74		0.34	1.7	mg/Kg	147		0.39	1.91	mg/Kg
M=OR EPA 3550B/8270C (7-3-01-004)																				
1,2,4-Trichlorobenzene		<MDL	0.14	0.277	ug/Kg		<MDL	0.15	0.304	ug/Kg		<MDL	0.14	0.275	ug/Kg		<MDL	0.15	0.308	ug/Kg
1,2-Dichlorobenzene	0.839		0.28	0.555	ug/Kg		<MDL	0.3	0.609	ug/Kg		<MDL	0.27	0.549	ug/Kg		<MDL	0.31	0.616	ug/Kg
1,3-Dichlorobenzene		<MDL	0.28	0.555	ug/Kg		<MDL	0.3	0.609	ug/Kg		<MDL	0.27	0.549	ug/Kg		<MDL	0.31	0.616	ug/Kg
1,4-Dichlorobenzene	3.2		0.28	0.555	ug/Kg	3.58		0.3	0.609	ug/Kg	1.48		0.27	0.549	ug/Kg	5.81		0.31	0.616	ug/Kg
2,4-Dimethylphenol		<MDL	1.4	2.77	ug/Kg		<MDL	1.5	3.04	ug/Kg		<MDL	1.4	2.75	ug/Kg		<MDL	1.5	3.08	ug/Kg
2-Methylnaphthalene	5.1	<RDL	2.8	5.55	ug/Kg	6.77		3	6.09	ug/Kg	4.7	<RDL	2.7	5.49	ug/Kg	10.2		3.1	6.16	ug/Kg
2-Methylphenol		<MDL	2.8	5.55	ug/Kg		<MDL	3	6.09	ug/Kg		<MDL	2.7	5.49	ug/Kg		<MDL	3.1	6.16	ug/Kg
4-Methylphenol		<MDL	5.5	11.1	ug/Kg		<MDL	6.1	12.2	ug/Kg		<MDL	5.5	11	ug/Kg		<MDL	6.2	12.3	ug/Kg
Acenaphthene	5	<RDL	2.8	5.55	ug/Kg	5.3	<RDL	3	6.09	ug/Kg	3.4	<RDL	2.7	5.49	ug/Kg	10.2		3.1	6.16	ug/Kg
Acenaphthylene	4.2	<RDL	2.8	5.55	ug/Kg	3.8	<RDL	3	6.09	ug/Kg	3.8	<RDL	2.7	5.49	ug/Kg	7.46		3.1	6.16	ug/Kg
Anthracene	25.1		2.8	5.55	ug/Kg	41.1		3	6.09	ug/Kg	27.7		2.7	5.49	ug/Kg	56.5		3.1	6.16	ug/Kg
Benzo(a)anthracene	52.1		2.8	5.55	ug/Kg	84.9		3	6.09	ug/Kg	90.9		2.7	5.49	ug/Kg	162		3.1	6.16	ug/Kg
Benzo(a)pyrene	71		2.8	5.55	ug/Kg	109		3	6.09	ug/Kg	92		2.7	5.49	ug/Kg	194		3.1	6.16	ug/Kg
Benzo(b)fluoranthene	92.5		2.8	5.55	ug/Kg	145		3	6.09	ug/Kg	128		2.7	5.49	ug/Kg	222		3.1	6.16	ug/Kg
Benzo(g,h,i)perylene	39.4		2.8	5.55	ug/Kg	63.9		3	6.09	ug/Kg	54		2.7	5.49	ug/Kg	122		3.1	6.16	ug/Kg
Benzo(k)fluoranthene	66		2.8	5.55	ug/Kg	103		3	6.09	ug/Kg	87.9		2.7	5.49	ug/Kg	206		3.1	6.16	ug/Kg
Benzoic Acid	239	B	14	27.7	ug/Kg	286	B	15	30.4	ug/Kg	217	B	14	27.5	ug/Kg	260	B	15	30.8	ug/Kg
Benzyl Alcohol		<MDL	2.8	5.55	ug/Kg		<MDL	3	6.09	ug/Kg		<MDL	2.7	5.49	ug/Kg		<MDL	3.1	6.16	ug/Kg
Benzyl Butyl Phthalate	25.1	B	1.4	2.77	ug/Kg	44.1	B	1.5	3.04	ug/Kg	73.8	B	1.4	2.75	ug/Kg	95.5	B	1.5	3.08	ug/Kg
Bis(2-Ethylhexyl)Phthalate	393	B	5.5	11.1	ug/Kg	329	B	6.1	12.2	ug/Kg	559	B	5.5	11	ug/Kg	958	B	6.2	12.3	ug/Kg
Caffeine		<MDL	5.5	11.1	ug/Kg		<MDL	6.1	12.2	ug/Kg		<MDL	5.5	11	ug/Kg		<MDL	6.2	12.3	ug/Kg
Carbazole	9.81		2.8	5.55	ug/Kg	15.1		3	6.09	ug/Kg	14.4		2.7	5.49	ug/Kg	24.5		3.1	6.16	ug/Kg
Chrysene	87.5		2.8	5.55	ug/Kg	128		3	6.09	ug/Kg	117		2.7	5.49	ug/Kg	210		3.1	6.16	ug/Kg
Coprostanol		<MDL	55	111	ug/Kg		<MDL	61	122	ug/Kg		<MDL	55	110	ug/Kg		<MDL	62	123	ug/Kg
Dibenzo(a,h)anthracene	15.7		2.8	5.55	ug/Kg	25.9		3	6.09	ug/Kg	20.6		2.7	5.49	ug/Kg	61.3		3.1	6.16	ug/Kg
Dibenzofuran	4.3	<RDL	2.8	5.55	ug/Kg	5.2	<RDL	3	6.09	ug/Kg	4.7	<RDL	2.7	5.49	ug/Kg	7.64		3.1	6.16	ug/Kg
Diethyl Phthalate		<MDL	5.5	11.1	ug/Kg		<MDL	6.1	12.2	ug/Kg		<MDL	5.5	11	ug/Kg		<MDL	6.2	12.3	ug/Kg
Dimethyl Phthalate		<MDL	5.5	11.1	ug/Kg		<MDL	6.1	12.2	ug/Kg		<MDL	5.5	11	ug/Kg		<MDL	6.2	12.3	ug/Kg

King County Environmental Lab Analytical Report

PROJECT: 423062-200-4

Locator:	DUD_9C					DUD_10C					DUD_11C					DUD_12C				
Descrip:	CLEANUP AREA PERIM					CLEANUP AREA PERIM					CLEANUP AREA PERIM					CLEANUP AREA PERIM				
Sampled:	03/24/08 2:03:00 PM					03/24/08 2:30:00 PM					03/25/08 9:00:00 AM					03/25/08 9:45:00 AM				
Lab ID:	L45302-5					L45302-6					L45302-7					L45302-8				
Matrix:	SALTWTRSED					SALTWTRSED					SALTWTRSED					SALTWTRSED				
% Solids:	72.1					65.7					72.8					64.9				
Parameters	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
			- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis					- Dry Weight Basis		
COMBINED LABS																				
Di-N-Butyl Phthalate	1320	B	5.5	11.1	ug/Kg	12.8	B	6.1	12.2	ug/Kg	14.8	B	5.5	11	ug/Kg	19.9	B	6.2	12.3	ug/Kg
Di-N-Octyl Phthalate		<MDL	5.5	11.1	ug/Kg		<MDL	6.1	12.2	ug/Kg		<MDL	5.5	11	ug/Kg		<MDL	6.2	12.3	ug/Kg
Fluoranthene	78.4		2.8	5.55	ug/Kg	133		3	6.09	ug/Kg	150		2.7	5.49	ug/Kg	254		3.1	6.16	ug/Kg
Fluorene	27		2.8	5.55	ug/Kg	28.9		3	6.09	ug/Kg	25.1		2.7	5.49	ug/Kg	36.1		3.1	6.16	ug/Kg
Hexachlorobenzene		<MDL	0.14	0.277	ug/Kg		<MDL	0.15	0.304	ug/Kg		<MDL	0.14	0.275	ug/Kg		<MDL	0.15	0.308	ug/Kg
Hexachlorobutadiene		<MDL	0.69	1.39	ug/Kg		<MDL	0.76	1.52	ug/Kg		<MDL	0.69	1.37	ug/Kg		<MDL	0.77	1.54	ug/Kg
Hexachloroethane		<MDL	1.4	2.77	ug/Kg		<MDL	1.5	3.04	ug/Kg		<MDL	1.4	2.75	ug/Kg		<MDL	1.5	3.08	ug/Kg
Indeno(1,2,3-Cd)Pyrene	44.2		2.8	5.55	ug/Kg	69.6		3	6.09	ug/Kg	59.9		2.7	5.49	ug/Kg	131		3.1	6.16	ug/Kg
Naphthalene	4	<RDL	2.8	5.55	ug/Kg		<MDL	3	6.09	ug/Kg		<MDL	2.7	5.49	ug/Kg	9.78		3.1	6.16	ug/Kg
N-Nitrosodiphenylamine		<MDL	5.5	11.1	ug/Kg		<MDL	6.1	12.2	ug/Kg		<MDL	5.5	11	ug/Kg		<MDL	6.2	12.3	ug/Kg
Pentachlorophenol		<MDL	14	27.7	ug/Kg		<MDL	15	30.4	ug/Kg		<MDL	14	27.5	ug/Kg		<MDL	15	30.8	ug/Kg
Phenanthrene	45.5		2.8	5.55	ug/Kg	66.7		3	6.09	ug/Kg	65.7		2.7	5.49	ug/Kg	149		3.1	6.16	ug/Kg
Phenol		<MDL,E	5.5	11.1	ug/Kg		<MDL,E	6.1	12.2	ug/Kg		<MDL,E	5.5	11	ug/Kg	70.7	E	6.2	12.3	ug/Kg
Pyrene	164		2.8	5.55	ug/Kg	225		3	6.09	ug/Kg	206		2.7	5.49	ug/Kg	569		3.1	6.16	ug/Kg
Total HPAHS	710		2.8	5.55	ug/Kg	1090		3	6.09	ug/Kg	989		2.7	5.49	ug/Kg	2110		3.1	6.16	ug/Kg
Total LPAHs	99.6		2.8	5.55	ug/Kg	141		3	6.09	ug/Kg	119		2.7	5.49	ug/Kg	265		3.1	6.16	ug/Kg
M=OR EPA 8081A/8082 (7-3-03-002)																				
4,4'-DDD	1.8	<RDL	0.93	1.84	ug/Kg		<MDL	1	2.02	ug/Kg		<MDL	0.92	1.83	ug/Kg	1.8	<RDL	1	2.05	ug/Kg
4,4'-DDE		<MDL	0.93	1.84	ug/Kg		<MDL	1	2.02	ug/Kg		<MDL	0.92	1.83	ug/Kg		<MDL	1	2.05	ug/Kg
4,4'-DDT		<MDL	0.93	1.84	ug/Kg		<MDL	1	2.02	ug/Kg		<MDL	0.92	1.83	ug/Kg		<MDL	1	2.05	ug/Kg
Aldrin		<MDL	0.93	1.84	ug/Kg		<MDL	1	2.02	ug/Kg		<MDL	0.92	1.83	ug/Kg		<MDL	1	2.05	ug/Kg
Alpha-BHC		<MDL	0.46	0.925	ug/Kg		<MDL	0.5	1.02	ug/Kg		<MDL	0.45	0.916	ug/Kg		<MDL	0.51	1.03	ug/Kg
Alpha-Chlordane		<MDL	0.46	0.925	ug/Kg		<MDL	0.5	1.02	ug/Kg		<MDL	0.45	0.916	ug/Kg		<MDL	0.51	1.03	ug/Kg
Beta-BHC		<MDL	0.46	0.925	ug/Kg		<MDL	0.5	1.02	ug/Kg		<MDL	0.45	0.916	ug/Kg		<MDL	0.51	1.03	ug/Kg
Delta-BHC		<MDL	0.46	0.925	ug/Kg		<MDL	0.5	1.02	ug/Kg		<MDL	0.45	0.916	ug/Kg		<MDL	0.51	1.03	ug/Kg
Dieldrin		<MDL	0.93	1.84	ug/Kg		<MDL	1	2.02	ug/Kg		<MDL	0.92	1.83	ug/Kg		<MDL	1	2.05	ug/Kg
Endosulfan I		<MDL	0.93	1.84	ug/Kg		<MDL	1	2.02	ug/Kg		<MDL	0.92	1.83	ug/Kg		<MDL	1	2.05	ug/Kg
Endosulfan II		<MDL	0.93	1.84	ug/Kg		<MDL	1	2.02	ug/Kg		<MDL	0.92	1.83	ug/Kg		<MDL	1	2.05	ug/Kg
Endosulfan Sulfate		<MDL	0.93	1.84	ug/Kg		<MDL	1	2.02	ug/Kg		<MDL	0.92	1.83	ug/Kg		<MDL	1	2.05	ug/Kg
Endrin		<MDL	0.93	1.84	ug/Kg		<MDL	1	2.02	ug/Kg		<MDL	0.92	1.83	ug/Kg		<MDL	1	2.05	ug/Kg
Endrin Aldehyde		<MDL,E	0.93	1.84	ug/Kg		<MDL,E	1	2.02	ug/Kg		<MDL,E	0.92	1.83	ug/Kg		<MDL,E	1	2.05	ug/Kg
Gamma-BHC (Lindane)		<MDL	0.46	0.925	ug/Kg		<MDL	0.5	1.02	ug/Kg		<MDL	0.45	0.916	ug/Kg		<MDL	0.51	1.03	ug/Kg
Gamma-Chlordane		<MDL	0.46	0.925	ug/Kg		<MDL	0.5	1.02	ug/Kg		<MDL	0.45	0.916	ug/Kg		<MDL	0.51	1.03	ug/Kg
Heptachlor		<MDL	0.46	0.925	ug/Kg		<MDL	0.5	1.02	ug/Kg		<MDL	0.45	0.916	ug/Kg		<MDL	0.51	1.03	ug/Kg
Heptachlor Epoxide		<MDL	0.46	0.925	ug/Kg		<MDL	0.5	1.02	ug/Kg		<MDL	0.45	0.916	ug/Kg		<MDL	0.51	1.03	ug/Kg
Methoxychlor		<MDL	4.6	9.25	ug/Kg		<MDL	5	10.2	ug/Kg		<MDL	4.5	9.16	ug/Kg		<MDL	5.1	10.3	ug/Kg
Toxaphene		<MDL	9.3	18.4	ug/Kg		<MDL	10	20.2	ug/Kg		<MDL	9.2	18.3	ug/Kg		<MDL	10	20.5	ug/Kg
M=OR EPA 8081A/8082 (7-3-103-000)																				
Aroclor 1016		<MDL,TA	83	165	ug/Kg		<MDL,TA	35	68.5	ug/Kg		<MDL,TA	9.8	19.5	ug/Kg		<MDL,TA	49	97.8	ug/Kg
Aroclor 1221		<MDL,TA	17	34.4	ug/Kg		<MDL,TA	6.1	12.1	ug/Kg		<MDL	2.3	4.57	ug/Kg		<MDL,TA	10	20.2	ug/Kg
Aroclor 1232		<MDL,TA	140	275	ug/Kg		<MDL,TA	52	103	ug/Kg		<MDL,TA	14	27.6	ug/Kg		<MDL,TA	80	159	ug/Kg
Aroclor 1242		<MDL,TA	140	282	ug/Kg		<MDL,TA	79	160	ug/Kg		<MDL,TA	16	33	ug/Kg		<MDL,TA	110	225	ug/Kg
Aroclor 1248	113		1.2	2.32	ug/Kg	56.6		1.3	2.54	ug/Kg	15.8		1.1	2.29	ug/Kg	74.3		1.3	2.57	ug/Kg
Aroclor 1254	122		1.2	2.32	ug/Kg	70.2		1.3	2.54	ug/Kg	26.5		1.1	2.29	ug/Kg	96.8		1.3	2.57	ug/Kg
Aroclor 1260	47		1.2	2.32	ug/Kg	32.6		1.3	2.54	ug/Kg	17.4		1.1	2.29	ug/Kg	74.7		1.3	2.57	ug/Kg
Total Aroclors	282		1.2	2.32	ug/Kg	160		1.3	2.54	ug/Kg	59.9		1.1	2.29	ug/Kg	245		1.3	2.57	ug/Kg

* Not converted to dry weight basis for this par

King County Environmental Lab Analytical Report

PROJECT: 423062-200-4

Locator: DUD_13C
Descrip: PERIMETER LOCATION
Sampled: 03/25/08 10:30:00 AM
Lab ID: L45302-9
Matrix: SALTWTRSED
% Solids: 56.4

Parameters	Value	Qual	MDL	RDL	Units
			- Dry Weight Basis		
COMBINED LABS					
M=CV ASTM D422(318V1)					
Clay *	16		0.84	1.69	%
Dry Weight Factor	3				
Fines *	50.6		0.84	1.69	%
Gravel *	0.3	<RDL	0.17	1.69	%
p+0.00 *	0.2	<RDL	0.17	1.69	%
p+1.00 *	0.4	<RDL	0.17	1.69	%
p+10.0(equal/more than) *	11		0.84	1.69	%
p+2.00 *	5.2		0.17	1.69	%
p+3.00 *	20.2		0.17	1.69	%
p+4.00 *	14		0.17	1.69	%
p+5.00 *	3.4		0.84	1.69	%
p+6.00 *	13.5		0.84	1.69	%
p+7.00 *	11.8		0.84	1.69	%
p+8.00 *	5.9		0.84	1.69	%
p+9.00 *	5.1		0.84	1.69	%
p-1.00 *	0.3	<RDL	0.17	1.69	%
p-2.00 *		<MDL	0.17	1.69	%
p-2.00(less than) *		<MDL	0.17	1.69	%
Sand *	40.1		0.17	1.69	%
Silt *	34.6		0.84	1.69	%
M=CV EPA 9060-PSEP96(337V3)					
Total Organic Carbon	17100		2000	3850	mg/Kg
M=CV SM2540-G (307V2)					
Total Solids *	56.4		0.005	0.01	%
M=ES NONE					
Field Personnel	JB,CB,CE,JDD				none
Sampcoordx1 *	1267238				ft
Sampcoordx2 *	1267240				ft
Sampcoordx3 *	1267234				ft
Sampcoordx4 *	1267241				ft
Sampcoordx5 *	1267239				ft
Sampcoordx6 *					
Sampcoordy1 *	207858				ft
Sampcoordy2 *	207861				ft
Sampcoordy3 *	207864				ft
Sampcoordy4 *	207858				ft
Sampcoordy5 *	207858				ft
Sampcoordy6 *					
Sample Depth *	10				m
Sample Function					
Sampling Method *	20042				none
Sediment Sampling Depth *	15				cm
Sediment Sampling Range *	0-10 cm				cm
Sediment Type	21N30				none
Tidal Condition	E				none
Tide Height *	5.5				ft

King County Environmental Lab Analytical Report

PROJECT: 423062-200-4

Locator: DUD_13C
Descrip: PERIMETER LOCATION
Sampled: 03/25/08 10:30:00 AM
Lab ID: L45302-9
Matrix: SALTWTRSED
% Solids: 56.4

Parameters	Value	Qual	MDL	RDL	Units
			- Dry Weight Basis		
COMBINED LABS					
M=MT CVAA EPA 7471B (604V4)					
Mercury, Total, CVAA	0.202		0.0085	0.0858	mg/Kg
M=MT ICP EPA3050B/6010C MOD(612V3)					
Aluminum, Total, ICP	17100		8.9	44.1	mg/Kg
Antimony, Total, ICP		<MDL,G	1.3	6.61	mg/Kg
Arsenic, Total, ICP	9.9	<RDL	2.1	11	mg/Kg
Beryllium, Total, ICP	0.35	<RDL	0.089	0.441	mg/Kg
Cadmium, Total, ICP	0.53	<RDL	0.18	0.883	mg/Kg
Chromium, Total, ICP	30.9		0.27	1.32	mg/Kg
Copper, Total, ICP	71.8		0.35	1.76	mg/Kg
Iron, Total, ICP	26400		4.4	22	mg/Kg
Lead, Total, ICP	47.2		1.8	8.83	mg/Kg
Manganese, Total, ICP	266		0.18	0.883	mg/Kg
Nickel, Total, ICP	21.5		0.44	2.2	mg/Kg
Selenium, Total, ICP		<MDL	2.1	11	mg/Kg
Silver, Total, ICP	0.44	<RDL	0.35	1.76	mg/Kg
Thallium, Total, ICP		<MDL	3.5	17.6	mg/Kg
Zinc, Total, ICP	129		0.44	2.2	mg/Kg
M=OR EPA 3550B/8270C (7-3-01-004)					
1,2,4-Trichlorobenzene		<MDL	0.18	0.355	ug/Kg
1,2-Dichlorobenzene	0.55	<RDL	0.35	0.709	ug/Kg
1,3-Dichlorobenzene		<MDL	0.35	0.709	ug/Kg
1,4-Dichlorobenzene	1.33		0.35	0.709	ug/Kg
2,4-Dimethylphenol		<MDL	1.8	3.55	ug/Kg
2-Methylnaphthalene	6.4	<RDL	3.5	7.09	ug/Kg
2-Methylphenol		<MDL	3.5	7.09	ug/Kg
4-Methylphenol		<MDL	7.1	14.2	ug/Kg
Acenaphthene	9.01		3.5	7.09	ug/Kg
Acenaphthylene	7.29		3.5	7.09	ug/Kg
Anthracene	59.9		3.5	7.09	ug/Kg
Benzo(a)anthracene	154		3.5	7.09	ug/Kg
Benzo(a)pyrene	165		3.5	7.09	ug/Kg
Benzo(b)fluoranthene	243		3.5	7.09	ug/Kg
Benzo(g,h,i)perylene	89.5		3.5	7.09	ug/Kg
Benzo(k)fluoranthene	141		3.5	7.09	ug/Kg
Benzoic Acid	264	B	18	35.5	ug/Kg
Benzyl Alcohol		<MDL	3.5	7.09	ug/Kg
Benzyl Butyl Phthalate	57.8	B	1.8	3.55	ug/Kg
Bis(2-Ethylhexyl)Phthalate	484	B	7.1	14.2	ug/Kg
Caffeine		<MDL	7.1	14.2	ug/Kg
Carbazole	15.8		3.5	7.09	ug/Kg
Chrysene	234		3.5	7.09	ug/Kg
Coprostanol		<MDL	71	142	ug/Kg
Dibenzo(a,h)anthracene	39		3.5	7.09	ug/Kg
Dibenzofuran	7.52		3.5	7.09	ug/Kg
Diethyl Phthalate		<MDL	7.1	14.2	ug/Kg
Dimethyl Phthalate	77.8		7.1	14.2	ug/Kg

King County Environmental Lab Analytical Report

PROJECT: 423062-200-4

Locator: DUD_13C
Descrip: PERIMETER LOCATION
Sampled: 03/25/08 10:30:00 AM
Lab ID: L45302-9
Matrix: SALTWTRSED
% Solids: 56.4

Parameters	Value	Qual	MDL	RDL	Units
			- Dry Weight Basis		
COMBINED LABS					
Di-N-Butyl Phthalate	21.8	B	7.1	14.2	ug/Kg
Di-N-Octyl Phthalate		<MDL	7.1	14.2	ug/Kg
Fluoranthene	211		3.5	7.09	ug/Kg
Fluorene	39.7		3.5	7.09	ug/Kg
Hexachlorobenzene		<MDL	0.18	0.355	ug/Kg
Hexachlorobutadiene		<MDL	0.89	1.77	ug/Kg
Hexachloroethane		<MDL	1.8	3.55	ug/Kg
Indeno(1,2,3-Cd)Pyrene	106		3.5	7.09	ug/Kg
Naphthalene	4.8	<RDL	3.5	7.09	ug/Kg
N-Nitrosodiphenylamine		<MDL	7.1	14.2	ug/Kg
Pentachlorophenol		<MDL	18	35.5	ug/Kg
Phenanthrene	103		3.5	7.09	ug/Kg
Phenol	24.1	E	7.1	14.2	ug/Kg
Pyrene	324		3.5	7.09	ug/Kg
Total HPAHS	1690		3.5	7.09	ug/Kg
Total LPAHs	216		3.5	7.09	ug/Kg
M=OR EPA 8081A/8082 (7-3-03-002)					
4,4'-DDD	1.7	<RDL	1.2	2.36	ug/Kg
4,4'-DDE		<MDL	1.2	2.36	ug/Kg
4,4'-DDT		<MDL	1.2	2.36	ug/Kg
Aldrin		<MDL	1.2	2.36	ug/Kg
Alpha-BHC		<MDL	0.59	1.18	ug/Kg
Alpha-Chlordane		<MDL	0.59	1.18	ug/Kg
Beta-BHC		<MDL	0.59	1.18	ug/Kg
Delta-BHC		<MDL	0.59	1.18	ug/Kg
Dieldrin		<MDL	1.2	2.36	ug/Kg
Endosulfan I		<MDL	1.2	2.36	ug/Kg
Endosulfan II		<MDL	1.2	2.36	ug/Kg
Endosulfan Sulfate		<MDL	1.2	2.36	ug/Kg
Endrin		<MDL	1.2	2.36	ug/Kg
Endrin Aldehyde		<MDL,E	1.2	2.36	ug/Kg
Gamma-BHC (Lindane)		<MDL	0.59	1.18	ug/Kg
Gamma-Chlordane		<MDL	0.59	1.18	ug/Kg
Heptachlor		<MDL	0.59	1.18	ug/Kg
Heptachlor Epoxide		<MDL	0.59	1.18	ug/Kg
Methoxychlor		<MDL	5.9	11.8	ug/Kg
Toxaphene		<MDL	12	23.6	ug/Kg
M=OR EPA 8081A/8082 (7-3-103-000)					
Aroclor 1016		<MDL,TA	50	98	ug/Kg
Aroclor 1221		<MDL,TA	9.4	18.6	ug/Kg
Aroclor 1232		<MDL,TA	74	149	ug/Kg
Aroclor 1242		<MDL,TA	120	236	ug/Kg
Aroclor 1248	78		1.5	2.96	ug/Kg
Aroclor 1254	104		1.5	2.96	ug/Kg
Aroclor 1260	58.5		1.5	2.96	ug/Kg
Total Aroclors	241		1.5	2.96	ug/Kg

* Not converted to dry weight basis for this par

Appendix C6 –
Perimeter Stations 2009

King County Environmental Lab Analytical Report

Project:	423062-200-4					Project:	423062-200-4					Project:	423062-200-4				
Locator:	DUD_1C					Locator:	DUD_2C					Locator:	DUD_8C				
Descrip:	CLEANUP AREA PERIM					Descrip:	CLEANUP AREA PERIM					Descrip:	CLEANUP AREA PERIM				
Sample:	L47888-1					Sample:	L47888-2					Sample:	L47888-3				
Matrix:	SF SALTWTRSED					Matrix:	SF SALTWTRSED					Matrix:	SF SALTWTRSED				
ColDate:	4/27/09 10:36					ColDate:	4/27/09 12:10					ColDate:	4/28/09 12:45				
TimeSpan:						TimeSpan:						TimeSpan:					
TotalSolid:	42.1					TotalSolid:	43					TotalSolid:	59.8				
ClientLoc:						ClientLoc:						ClientLoc:					
SampDepth:	5					SampDepth:	4					SampDepth:	8				
DRY Weight Basis						**DRY Weight Basis**						**DRY Weight Basis**					
Parameters	**Value**	**Qual**	**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**
M=CV ASTM D422															
Clay*	29.3		1.2	2.34	%	39.6		1.1	2.2	%	6.4		0.8	1.61	%
Fines*	85.5		1.2	2.34	%	89.2		1.1	2.2	%	53.8		0.8	1.61	%
Gravel*	0.7	<RDL	0.23	2.34	%	0.22	<RDL	0.22	2.2	%	9.6		0.16	1.61	%
Sand*	7.2		0.23	2.34	%	12.5		0.22	2.2	%	33.2		0.16	1.61	%
Silt*	56.2		1.2	2.34	%	49.6		1.1	2.2	%	47.4		0.8	1.61	%
p+0.00*		<MDL	0.23	2.34	%		<MDL	0.22	2.2	%	2.4		0.16	1.61	%
p+1.00*		<MDL	0.23	2.34	%	0.2	<RDL	0.22	2.2	%	4.7		0.16	1.61	%
p+10.0(equal/more than)*	18.7		1.2	2.34	%	28.6		1.1	2.2	%	4.8		0.8	1.61	%
p+2.00*	0.5	<RDL	0.23	2.34	%	1.6		0.22	2.2	%	11.5		0.16	1.61	%
p+3.00*	1.9		0.23	2.34	%	10.6		0.22	2.2	%	7.8		0.16	1.61	%
p+4.00*	4.8		0.23	2.34	%		<MDL	0.22	2.2	%	6.7		0.16	1.61	%
p+5.00*	5.9		1.2	2.34	%	2.2		1.1	2.2	%	2.4		0.8	1.61	%
p+6.00*	22.2		1.2	2.34	%	23.1		1.1	2.2	%	36.9		0.8	1.61	%
p+7.00*	15.2		1.2	2.34	%		<MDL	1.1	2.2	%	4.8		0.8	1.61	%
p+8.00*	12.9		1.2	2.34	%	24.2		1.1	2.2	%	3.2		0.8	1.61	%
p+9.00*	10.5		1.2	2.34	%	11		1.1	2.2	%	1.6		0.8	1.61	%
p-1.00*		<MDL	0.23	2.34	%	0.22	<RDL	0.22	2.2	%	3.5		0.16	1.61	%
p-2.00*		<MDL	0.23	2.34	%		<MDL	0.22	2.2	%	0.5	<RDL	0.16	1.61	%
p-2.00(less than)*	0.7	<RDL	0.23	2.34	%		<MDL	0.22	2.2	%	5.6		0.16	1.61	%
CV SW846 9060-PSEP96															
Total Organic Carbon	22200		1900	3900	mg/Kg	20800		1800	3630	mg/Kg	21900		1800	3800	mg/Kg
M=CV SM2540-G															
Total Solids*	42.1		0.005	0.01	%	43		0.005	0.01	%	59.8		0.005	0.01	%
M=ES NONE															
Field Personnel*	JD,JO,JeneeC,JB				none	JD,JO,JeneeC,JB				none	BK,JDD,JB,JeneeC				none
Sampcoordx1*	1267172				ft	1267172				ft	1266863				ft
Sampcoordx2*	1267170				ft	1267174				ft	1266862				ft
Sampcoordx3*	1267175				ft	1267171				ft	1266858				ft
Sampcoordx4*	1267170				ft	1267165				ft	1266866				ft
Sampcoordx5*	1267165				ft	1267167				ft	1266863				ft
Sampcoordx6*	1267170				ft						1266862				ft
Sampcoordy1*	208753				ft	208648				ft	208923				ft
Sampcoordy2*	208753				ft	208645				ft	208917				ft
Sampcoordy3*	208746				ft	208645				ft	208914				ft
Sampcoordy4*	208748				ft	208646				ft	208910				ft
Sampcoordy5*	208749				ft	208651				ft	208924				ft
Sampcoordy6*	208751				ft						208918				ft
Sampcoordx7*															
Sampcoordy7*															
Sample Depth*	5				m	4				m	8				m
Sampling Method*	20143				none	20143				none	20143				none
Sediment Sampling Depth*	17				cm	17				cm	10				cm
Sediment Sampling Range*					cm					cm					cm
Sediment Type*	20N20				none	20N20				none	21W13				none
Tidal Condition*	E				none	E				none	E				none
Tide Height*	1				ft	-2				ft	-1.5				ft
Sample Function*															

King County Environmental Lab Analytical Report

Project:	423062-200-4	423062-200-4	423062-200-4
Locator:	DUD_1C	DUD_2C	DUD_8C
Descrip:	CLEANUP AREA PERIM	CLEANUP AREA PERIM	CLEANUP AREA PERIM
Sample:	L47888-1	L47888-2	L47888-3
Matrix:	SF SALTWTRSED	SF SALTWTRSED	SF SALTWTRSED
ColDate:	4/27/09 10:36	4/27/09 12:10	4/28/09 12:45
TimeSpan:			
TotalSolid:	42.1	43	59.8
ClientLoc:			
SampDepth:	5	4	8
	DRY Weight Basis	**DRY Weight Basis**	**DRY Weight Basis**

Parameters	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
MT SW846 3050B*SW846 6010C															
Aluminum, Total, ICP	30600	JL	11	56.1	mg/Kg	28400		11	57.4	mg/Kg	19100		10	50.2	mg/Kg
Antimony, Total, ICP		<MDL,JG	1.7	8.43	mg/Kg		<MDL,JG	1.7	8.63	mg/Kg		<MDL,JG	1.5	7.53	mg/Kg
Arsenic, Total, ICP	14	<RDL	2.9	14	mg/Kg	12	<RDL	2.8	14.4	mg/Kg	15.7		2.5	12.5	mg/Kg
Beryllium, Total, ICP	0.836		0.11	0.561	mg/Kg	0.76		0.11	0.574	mg/Kg	0.533		0.1	0.502	mg/Kg
Cadmium, Total, ICP	0.57	<RDL	0.23	1.12	mg/Kg	0.47	<RDL	0.23	1.15	mg/Kg	3.86		0.2	1	mg/Kg
Chromium, Total, ICP	33.7		0.33	1.68	mg/Kg	30.9		0.35	1.72	mg/Kg	81.3		0.3	1.51	mg/Kg
Copper, Total, ICP	77		0.45	2.25	mg/Kg	72.1		0.47	2.3	mg/Kg	102		0.4	2.01	mg/Kg
Iron, Total, ICP	40100		5.7	28	mg/Kg	38100		5.8	28.8	mg/Kg	27900		5	25.1	mg/Kg
Lead, Total, ICP	34		2.3	11.2	mg/Kg	32.1		2.3	11.5	mg/Kg	95.7		2	10	mg/Kg
Manganese, Total, ICP	480		0.23	1.12	mg/Kg	449		0.23	1.15	mg/Kg	304		0.2	1	mg/Kg
Nickel, Total, ICP	27.8		0.57	2.8	mg/Kg	25.8		0.58	2.88	mg/Kg	24.2		0.5	2.51	mg/Kg
Selenium, Total, ICP		<MDL	2.9	14	mg/Kg		<MDL	2.8	14.4	mg/Kg		<MDL	2.5	12.5	mg/Kg
Silver, Total, ICP		<MDL	0.45	2.25	mg/Kg		<MDL	0.47	2.3	mg/Kg	4.06		0.4	2.01	mg/Kg
Thallium, Total, ICP		<MDL	4.5	22.5	mg/Kg		<MDL	4.7	23	mg/Kg		<MDL	4	20.1	mg/Kg
Zinc, Total, ICP	142		0.57	2.8	mg/Kg	125		0.58	2.88	mg/Kg	192		0.5	2.51	mg/Kg
MT SW846 7471B															
Mercury, Total, CVAA	0.176		0.0059	0.0594	mg/Kg	0.168		0.0056	0.057	mg/Kg	0.602		0.0084	0.0841	mg/Kg
OR EPA 3550B/8270C (7-3-01-004)															
1,2,4-Trichlorobenzene		<MDL	0.24	0.475	ug/Kg		<MDL	0.23	0.465	ug/Kg		<MDL	0.17	0.334	ug/Kg
1,2-Dichlorobenzene		<MDL	0.48	0.95	ug/Kg		<MDL	0.47	0.93	ug/Kg		<MDL	0.33	0.669	ug/Kg
1,3-Dichlorobenzene		<MDL	0.48	0.95	ug/Kg		<MDL	0.47	0.93	ug/Kg		<MDL	0.33	0.669	ug/Kg
1,4-Dichlorobenzene		<MDL	0.48	0.95	ug/Kg	1.55		0.47	0.93	ug/Kg	5.97		0.33	0.669	ug/Kg
2,4-Dimethylphenol		<MDL	2.4	4.75	ug/Kg		<MDL	2.3	4.65	ug/Kg		<MDL	1.7	3.34	ug/Kg
2-Methylnaphthalene	8.6	<RDL	4.8	9.5	ug/Kg	36	J	4.7	9.3	ug/Kg	20.4		3.3	6.69	ug/Kg
2-Methylphenol		<MDL	4.8	9.5	ug/Kg		<MDL	4.7	9.3	ug/Kg		<MDL	3.3	6.69	ug/Kg
4-Methylphenol		<MDL	9.5	19	ug/Kg		<MDL	9.3	18.6	ug/Kg		<MDL	6.7	13.4	ug/Kg
Acenaphthene	8.8	<RDL	4.8	9.5	ug/Kg	109	J	4.7	9.3	ug/Kg	11.9		3.3	6.69	ug/Kg
Acenaphthylene	7.1	<RDL	4.8	9.5	ug/Kg	11.6	J	4.7	9.3	ug/Kg	12.3		3.3	6.69	ug/Kg
Anthracene	47.7		4.8	9.5	ug/Kg	98.6	J	4.7	9.3	ug/Kg	58.2		3.3	6.69	ug/Kg
Benzo(a)anthracene	192		4.8	9.5	ug/Kg	326	J	4.7	9.3	ug/Kg	110		3.3	6.69	ug/Kg
Benzo(a)pyrene	149		4.8	9.5	ug/Kg	155	J	4.7	9.3	ug/Kg	88.3		3.3	6.69	ug/Kg
Benzo(b)fluoranthene	247		4.8	9.5	ug/Kg	244	J	4.7	9.3	ug/Kg	94.3		3.3	6.69	ug/Kg
Benzo(g,h,i)perylene	65.6		4.8	9.5	ug/Kg	45.1	J	4.7	9.3	ug/Kg	41.6		3.3	6.69	ug/Kg
Benzo(k)fluoranthene	178		4.8	9.5	ug/Kg	218	J	4.7	9.3	ug/Kg	89.5		3.3	6.69	ug/Kg
Benzoic Acid	425		24	47.5	ug/Kg	256	J	23	46.5	ug/Kg	211		17	33.4	ug/Kg
Benzyl Alcohol		<MDL	4.8	9.5	ug/Kg		<MDL	4.7	9.3	ug/Kg		<MDL	3.3	6.69	ug/Kg
Benzyl Butyl Phthalate	79.8	B2	2.4	4.75	ug/Kg	44.9	J,B	2.3	4.65	ug/Kg		<MDL	1.7	3.34	ug/Kg
Bis(2-Ethylhexyl)Phthalate	591	B2	9.5	19	ug/Kg	481	B2	9.3	18.6	ug/Kg	895		6.7	13.4	ug/Kg
Caffeine		<MDL	9.5	19	ug/Kg		<MDL	9.3	18.6	ug/Kg		<MDL	6.7	13.4	ug/Kg
Carbazole	20.8		4.8	9.5	ug/Kg	24.2	J	4.7	9.3	ug/Kg		<MDL	3.3	6.69	ug/Kg
Chrysene	245		4.8	9.5	ug/Kg	330	J	4.7	9.3	ug/Kg	142		3.3	6.69	ug/Kg
Coprostanol		<MDL	95	190	ug/Kg		<MDL	93	186	ug/Kg		<MDL	67	134	ug/Kg
Di-N-Butyl Phthalate	27.8		9.5	19	ug/Kg	17	<RDL,J	9.3	18.6	ug/Kg	27.1		6.7	13.4	ug/Kg
Di-N-Octyl Phthalate		<MDL	9.5	19	ug/Kg		<MDL	9.3	18.6	ug/Kg		<MDL	6.7	13.4	ug/Kg
Dibenzo(a,h)anthracene	34.2		4.8	9.5	ug/Kg	23	J	4.7	9.3	ug/Kg	18.4		3.3	6.69	ug/Kg
Dibenzofuran	8.3	<RDL	4.8	9.5	ug/Kg	66.5	J	4.7	9.3	ug/Kg	13.7		3.3	6.69	ug/Kg
Diethyl Phthalate		<MDL	9.5	19	ug/Kg		<MDL	9.3	18.6	ug/Kg		<MDL	6.7	13.4	ug/Kg

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Project:	423062-200-4	423062-200-4	423062-200-4
Locator:	DUD_1C	DUD_2C	DUD_8C
Descrip:	CLEANUP AREA PERIM	CLEANUP AREA PERIM	CLEANUP AREA PERIM
Sample:	L47888-1	L47888-2	L47888-3
Matrix:	SF SALTWTRSED	SF SALTWTRSED	SF SALTWTRSED
ColDate:	4/27/09 10:36	4/27/09 12:10	4/28/09 12:45
TimeSpan:			
TotalSolid:	42.1	43	59.8
ClientLoc:			
SampDepth:	5	4	8
	DRY Weight Basis	**DRY Weight Basis**	**DRY Weight Basis**

Parameters	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
Dimethyl Phthalate		<MDL	9.5	19	ug/Kg		<MDL	9.3	18.6	ug/Kg		<MDL	6.7	13.4	ug/Kg
Fluoranthene	428		4.8	9.5	ug/Kg	1030	J	4.7	9.3	ug/Kg	236		3.3	6.69	ug/Kg
Fluorene	15.5		4.8	9.5	ug/Kg	74.9	J	4.7	9.3	ug/Kg	17.9		3.3	6.69	ug/Kg
Hexachlorobenzene		<MDL	0.24	0.475	ug/Kg		<MDL	0.23	0.465	ug/Kg		<MDL	0.17	0.334	ug/Kg
Hexachlorobutadiene		<MDL	1.2	2.38	ug/Kg		<MDL	1.2	2.33	ug/Kg		<MDL	0.84	1.67	ug/Kg
Hexachloroethane		<MDL	2.4	4.75	ug/Kg		<MDL	2.3	4.65	ug/Kg		<MDL	1.7	3.34	ug/Kg
Indeno(1,2,3-Cd)Pyrene	62.9		4.8	9.5	ug/Kg	45.8	J	4.7	9.3	ug/Kg	32.6		3.3	6.69	ug/Kg
N-Nitrosodiphenylamine		<MDL	9.5	19	ug/Kg		<MDL	9.3	18.6	ug/Kg		<MDL	6.7	13.4	ug/Kg
Naphthalene	7.6	<RDL	4.8	9.5	ug/Kg	17		4.7	9.3	ug/Kg	12.5		3.3	6.69	ug/Kg
Pentachlorophenol		<MDL	24	47.5	ug/Kg		<MDL	23	46.5	ug/Kg		<MDL	17	33.4	ug/Kg
Phenanthrene	122		4.8	9.5	ug/Kg	500	J	4.7	9.3	ug/Kg	105		3.3	6.69	ug/Kg
Phenol		<MDL	9.5	19	ug/Kg	26.7	J	9.3	18.6	ug/Kg		<MDL	6.7	13.4	ug/Kg
Pyrene	387		4.8	9.5	ug/Kg	891	J	4.7	9.3	ug/Kg	630		3.3	6.69	ug/Kg
Total 4-Nonylphenol	164		12	23.8	ug/Kg	158		12	23.3	ug/Kg		<MDL	8.4	16.7	ug/Kg
Total HPAHS	1990		4.8	9.5	ug/Kg	3300	J	4.7	9.3	ug/Kg	1480		3.3	6.69	ug/Kg
Total LPAHs	217		4.8	9.5	ug/Kg	849	J	4.7	9.3	ug/Kg	237		3.3	6.69	ug/Kg
OR SW846 3550B*SW846 8081B															
4,4'-DDD*		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg
4,4'-DDE*		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg
4,4'-DDT*		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg
Aldrin		<MDL	1.6	3.16	ug/Kg		<MDL	1.6	3.09	ug/Kg		<MDL	1.1	2.22	ug/Kg
Alpha-BHC		<MDL	0.78	1.58	ug/Kg		<MDL	0.77	1.55	ug/Kg		<MDL	0.55	1.12	ug/Kg
Alpha-Chlordane		<MDL	0.78	1.58	ug/Kg		<MDL	0.77	1.55	ug/Kg		<MDL	0.55	1.12	ug/Kg
Beta-BHC		<MDL	0.78	1.58	ug/Kg		<MDL	0.77	1.55	ug/Kg		<MDL	0.55	1.12	ug/Kg
Delta-BHC		<MDL	0.78	1.58	ug/Kg		<MDL	0.77	1.55	ug/Kg		<MDL	0.55	1.12	ug/Kg
Dieldrin		<MDL	1.6	3.16	ug/Kg		<MDL	1.6	3.09	ug/Kg		<MDL	1.1	2.22	ug/Kg
Endosulfan I		<MDL	1.6	3.16	ug/Kg		<MDL	1.6	3.09	ug/Kg		<MDL	1.1	2.22	ug/Kg
Endosulfan II		<MDL	1.6	3.16	ug/Kg		<MDL	1.6	3.09	ug/Kg		<MDL	1.1	2.22	ug/Kg
Endosulfan Sulfate		<MDL	1.6	3.16	ug/Kg		<MDL	1.6	3.09	ug/Kg		<MDL	1.1	2.22	ug/Kg
Endrin		<MDL	1.6	3.16	ug/Kg		<MDL	1.6	3.09	ug/Kg		<MDL	1.1	2.22	ug/Kg
Endrin Aldehyde		<MDL	1.6	3.16	ug/Kg		<MDL	1.6	3.09	ug/Kg		<MDL	1.1	2.22	ug/Kg
Gamma-BHC (Lindane)		<MDL	0.78	1.58	ug/Kg		<MDL	0.77	1.55	ug/Kg		<MDL	0.55	1.12	ug/Kg
Gamma-Chlordane		<MDL	0.78	1.58	ug/Kg		<MDL	0.77	1.55	ug/Kg		<MDL	0.55	1.12	ug/Kg
Heptachlor		<MDL	0.78	1.58	ug/Kg		<MDL	0.77	1.55	ug/Kg		<MDL	0.55	1.12	ug/Kg
Heptachlor Epoxide		<MDL	0.78	1.58	ug/Kg		<MDL	0.77	1.55	ug/Kg		<MDL	0.55	1.12	ug/Kg
Methoxychlor		<MDL	7.8	15.8	ug/Kg		<MDL	7.7	15.5	ug/Kg		<MDL	5.5	11.2	ug/Kg
Toxaphene		<MDL	16	31.6	ug/Kg		<MDL	16	30.9	ug/Kg		<MDL	11	22.2	ug/Kg
OR SW846 3550B*SW846 8082A															
Aroclor 1016		<MDL,TA	15	29.7	ug/Kg		<MDL,TA	17	35.1	ug/Kg		<MDL,TA	420	849	ug/Kg
Aroclor 1221		<MDL	4	7.91	ug/Kg		<MDL	4	7.74	ug/Kg		<MDL	28	55.7	ug/Kg
Aroclor 1232		<MDL,TA	48	92.9	ug/Kg		<MDL,TA	40	80.2	ug/Kg		<MDL,TA	380	776	ug/Kg
Aroclor 1242		<MDL,TA	48	92.9	ug/Kg		<MDL,TA	44	89.5	ug/Kg		<MDL,TA	1200	2310	ug/Kg
Aroclor 1248	31.1		2	3.97	ug/Kg	34		1.9	3.88	ug/Kg	719		14	27.9	ug/Kg
Aroclor 1254	41.6		2	3.97	ug/Kg	36.7		1.9	3.88	ug/Kg	893		14	27.9	ug/Kg
Aroclor 1260	22.2		2	3.97	ug/Kg	22.2		1.9	3.88	ug/Kg	388		14	27.9	ug/Kg
Total Aroclors	95		2	3.97	ug/Kg	92.8		1.9	3.88	ug/Kg	2010		14	27.9	ug/Kg

* Not converted to dry weight basis

King County Environmental Lab Analytical Report

Project:	423062-200-4	423062-200-4	423062-200-4
Locator:	DUD_8C	DUD_9C	DUD_10C
Descrip:	CLEANUP AREA PERIM	CLEANUP AREA PERIM	CLEANUP AREA PERIM
Sample:	L47888-4	L47888-5	L47888-6
Matrix:	SF SALTWTRSED	SF SALTWTRSED	SF SALTWTRSED
ColDate:	4/28/09 14:00	4/29/09 8:25	4/29/09 8:55
TimeSpan:			
TotalSolid:	63	62.3	63.9
ClientLoc:			
SampDepth:	8	12	14
	DRY Weight Basis	**DRY Weight Basis**	**DRY Weight Basis**

Parameters	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
M=CV ASTM D422															
Clay*	4.6		0.77	1.53	%	12.9		0.8	1.61	%	11		0.78	1.56	%
Fines*	45.2		0.77	1.53	%	42.6		0.8	1.61	%	36.8		0.78	1.56	%
Gravel*	10.1		0.15	1.53	%	11.1		0.16	1.61	%	3.9		0.16	1.56	%
Sand*	51.3		0.15	1.53	%	45.5		0.16	1.61	%	55.1		0.16	1.56	%
Silt*	40.6		0.77	1.53	%	29.7		0.8	1.61	%	25.8		0.78	1.56	%
p+0.00*	2.6		0.15	1.53	%	3		0.16	1.61	%	3		0.16	1.56	%
p+1.00*	5.5		0.15	1.53	%	6.9		0.16	1.61	%	10.9		0.16	1.56	%
p+10.0(equal/more than)*	3.1		0.77	1.53	%	8		0.8	1.61	%	6.3		0.78	1.56	%
p+2.00*	16.9		0.15	1.53	%	18.6		0.16	1.61	%	21.4		0.16	1.56	%
p+3.00*	26.4		0.15	1.53	%	11.3		0.16	1.61	%	13.3		0.16	1.56	%
p+4.00*		<MDL	0.15	1.53	%	5.7		0.16	1.61	%	6.5		0.16	1.56	%
p+5.00*	4.6		0.77	1.53	%	3.2		0.8	1.61	%	3.1		0.78	1.56	%
p+6.00*	22.2		0.77	1.53	%	11.2		0.8	1.61	%	9.4		0.78	1.56	%
p+7.00*	11.5		0.77	1.53	%	7.2		0.8	1.61	%	6.3		0.78	1.56	%
p+8.00*	2.3		0.77	1.53	%	8		0.8	1.61	%	7		0.78	1.56	%
p+9.00*	1.5		0.77	1.53	%	4.8		0.8	1.61	%	4.7		0.78	1.56	%
p-1.00*	2.9		0.15	1.53	%	3.1		0.16	1.61	%	2.2		0.16	1.56	%
p-2.00*	1.2		0.15	1.53	%	0.7	<RDL	0.16	1.61	%	1	<RDL	0.16	1.56	%
p-2.00(less than)*	6		0.15	1.53	%	7.3		0.16	1.61	%	0.8	<RDL	0.16	1.56	%
CV SW846 9060-PSEP96															
Total Organic Carbon	23200		2100	4080	mg/Kg	11000		1900	3720	mg/Kg	10000		1900	3650	mg/Kg
M=CV SM2540-G															
Total Solids*	63		0.005	0.01	%	62.3		0.005	0.01	%	63.9		0.005	0.01	%
M=ES NONE															
Field Personnel*	BK,JDD,JB,JeneeC				none	BK,JDD,SH				none	BK,JDD,SH				none
Sampcoordx1*	1266862				ft	1266790				ft	1266661				ft
Sampcoordx2*	1266867				ft	1266780				ft	1266664				ft
Sampcoordx3*	1266868				ft	1266788				ft	1266668				ft
Sampcoordx4*	1266866				ft	1266783				ft	1266663				ft
Sampcoordx5*	1266862				ft	1266785				ft	1266666				ft
Sampcoordx6*	1266863				ft	1266784				ft					
Sampcoordy1*	208918				ft	209155				ft	209520				ft
Sampcoordy2*	208915				ft	209158				ft	209520				ft
Sampcoordy3*	208915				ft	209154				ft	209518				ft
Sampcoordy4*	208917				ft	209158				ft	209516				ft
Sampcoordy5*	208919				ft	209161				ft	209516				ft
Sampcoordy6*	208923				ft	209154				ft					
Sampcoordx7*	1266862				ft										
Sampcoordy7*	208917				ft										
Sample Depth*	8				m	12				m	14				m
Sampling Method*	20143				none	20143				none	20143				none
Sediment Sampling Depth*	12				cm	9				cm	9				cm
Sediment Sampling Range*					cm					cm					cm
Sediment Type*	13W14				none	13N21				none	13N36				none
Tidal Condition*	S				none	E				none	E				none
Tide Height*	-2.9				ft	9				ft	8				ft
Sample Function*	FREP @ L47888-3				none										

King County Environmental Lab Analytical Report

Project:	423062-200-4	423062-200-4	423062-200-4
Locator:	DUD_8C	DUD_9C	DUD_10C
Descrip:	CLEANUP AREA PERIM	CLEANUP AREA PERIM	CLEANUP AREA PERIM
Sample:	L47888-4	L47888-5	L47888-6
Matrix:	SF SALTWTRSED	SF SALTWTRSED	SF SALTWTRSED
ColDate:	4/28/09 14:00	4/29/09 8:25	4/29/09 8:55
TimeSpan:			
TotalSolid:	63	62.3	63.9
ClientLoc:			
SampDepth:	8	12	14
	DRY Weight Basis	**DRY Weight Basis**	**DRY Weight Basis**

Parameters	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
MT SW846 3050B*SW846 6010C															
Aluminum, Total, ICP	16700		7.9	39.7	mg/Kg	17800		8	40.1	mg/Kg	16000		7.8	39	mg/Kg
Antimony, Total, ICP		<MDL,JG	1.2	5.95	mg/Kg		<MDL,JG	1.2	6.04	mg/Kg		<MDL,JG	1.2	5.85	mg/Kg
Arsenic, Total, ICP	15.4		2.1	9.92	mg/Kg	7.4	<RDL	2.1	10	mg/Kg	8.9	<RDL	1.9	9.75	mg/Kg
Beryllium, Total, ICP	0.473		0.079	0.397	mg/Kg	0.457		0.08	0.401	mg/Kg	0.405		0.078	0.39	mg/Kg
Cadmium, Total, ICP	3.08		0.16	0.794	mg/Kg	0.63	<RDL	0.16	0.804	mg/Kg	0.36	<RDL	0.16	0.779	mg/Kg
Chromium, Total, ICP	80.8		0.24	1.19	mg/Kg	27		0.24	1.21	mg/Kg	24.1		0.23	1.17	mg/Kg
Copper, Total, ICP	82.2		0.32	1.59	mg/Kg	46.1		0.32	1.61	mg/Kg	53.8		0.31	1.56	mg/Kg
Iron, Total, ICP	25200		4	19.8	mg/Kg	25200		4	20.1	mg/Kg	25200		3.9	19.6	mg/Kg
Lead, Total, ICP	83.8		1.6	7.94	mg/Kg	18.3		1.6	8.04	mg/Kg	26.6		1.6	7.79	mg/Kg
Manganese, Total, ICP	259		0.16	0.794	mg/Kg	289		0.16	0.804	mg/Kg	297		0.16	0.779	mg/Kg
Nickel, Total, ICP	23.2		0.4	1.98	mg/Kg	21.5		0.4	2.01	mg/Kg	21.6		0.39	1.96	mg/Kg
Selenium, Total, ICP		<MDL	2.1	9.92	mg/Kg		<MDL	2.1	10	mg/Kg		<MDL	1.9	9.75	mg/Kg
Silver, Total, ICP	3.41		0.32	1.59	mg/Kg		<MDL	0.32	1.61	mg/Kg		<MDL	0.31	1.56	mg/Kg
Thallium, Total, ICP		<MDL	3.2	15.9	mg/Kg		<MDL	3.2	16.1	mg/Kg		<MDL	3.1	15.6	mg/Kg
Zinc, Total, ICP	170		0.4	1.98	mg/Kg	66.3		0.4	2.01	mg/Kg	82.5		0.39	1.96	mg/Kg
MT SW846 7471B															
Mercury, Total, CVAA	0.622		0.0079	0.0792	mg/Kg	0.12		0.004	0.0401	mg/Kg	0.127		0.0039	0.0385	mg/Kg
OR EPA 3550B/8270C (7-3-01-004)															
1,2,4-Trichlorobenzene		<MDL	0.16	0.317	ug/Kg		<MDL	0.16	0.321	ug/Kg		<MDL	0.16	0.313	ug/Kg
1,2-Dichlorobenzene	6.76		0.32	0.635	ug/Kg		<MDL	0.32	0.642	ug/Kg		<MDL	0.31	0.626	ug/Kg
1,3-Dichlorobenzene		<MDL	0.32	0.635	ug/Kg		<MDL	0.32	0.642	ug/Kg		<MDL	0.31	0.626	ug/Kg
1,4-Dichlorobenzene	5.21		0.32	0.635	ug/Kg	2.13		0.32	0.642	ug/Kg		<MDL	0.31	0.626	ug/Kg
2,4-Dimethylphenol		<MDL	1.6	3.17	ug/Kg		<MDL	1.6	3.21	ug/Kg		<MDL	1.6	3.13	ug/Kg
2-Methylnaphthalene	22.1		3.2	6.35	ug/Kg		<MDL	3.2	6.42	ug/Kg		<MDL	3.1	6.26	ug/Kg
2-Methylphenol		<MDL	3.2	6.35	ug/Kg		<MDL	3.2	6.42	ug/Kg		<MDL	3.1	6.26	ug/Kg
4-Methylphenol		<MDL	6.3	12.7	ug/Kg		<MDL	6.4	12.8	ug/Kg		<MDL	6.3	12.5	ug/Kg
Acenaphthene	8.75		3.2	6.35	ug/Kg	3.4	<RDL	3.2	6.42	ug/Kg	28.3		3.1	6.26	ug/Kg
Acenaphthylene	8.63		3.2	6.35	ug/Kg		<MDL	3.2	6.42	ug/Kg	6.96		3.1	6.26	ug/Kg
Anthracene	48.4		3.2	6.35	ug/Kg	14.9		3.2	6.42	ug/Kg	73.6		3.1	6.26	ug/Kg
Benzo(a)anthracene	87.8		3.2	6.35	ug/Kg	43.3		3.2	6.42	ug/Kg	232		3.1	6.26	ug/Kg
Benzo(a)pyrene	48.4		3.2	6.35	ug/Kg	31.8		3.2	6.42	ug/Kg	72.5		3.1	6.26	ug/Kg
Benzo(b)fluoranthene	54.4		3.2	6.35	ug/Kg	41.3		3.2	6.42	ug/Kg	105		3.1	6.26	ug/Kg
Benzo(g,h,i)perylene	21.1		3.2	6.35	ug/Kg	13.7		3.2	6.42	ug/Kg	22.8		3.1	6.26	ug/Kg
Benzo(k)fluoranthene	49.4		3.2	6.35	ug/Kg	39		3.2	6.42	ug/Kg	88.4		3.1	6.26	ug/Kg
Benzoic Acid	132		16	31.7	ug/Kg	104		16	32.1	ug/Kg	117		16	31.3	ug/Kg
Benzyl Alcohol		<MDL	3.2	6.35	ug/Kg		<MDL	3.2	6.42	ug/Kg		<MDL	3.1	6.26	ug/Kg
Benzyl Butyl Phthalate		<MDL	1.6	3.17	ug/Kg	12.6	B	1.6	3.21	ug/Kg	23.2	B	1.6	3.13	ug/Kg
Bis(2-Ethylhexyl)Phthalate	1000		6.3	12.7	ug/Kg	464	B2	6.4	12.8	ug/Kg	305	B2	6.3	12.5	ug/Kg
Caffeine		<MDL	6.3	12.7	ug/Kg		<MDL	6.4	12.8	ug/Kg		<MDL	6.3	12.5	ug/Kg
Carbazole		<MDL	3.2	6.35	ug/Kg	7.87		3.2	6.42	ug/Kg	17.8		3.1	6.26	ug/Kg
Chrysene	94.3		3.2	6.35	ug/Kg	53.1		3.2	6.42	ug/Kg	216		3.1	6.26	ug/Kg
Coprostanol		<MDL	63	127	ug/Kg		<MDL	64	128	ug/Kg		<MDL	63	125	ug/Kg
Di-N-Butyl Phthalate	36.7		6.3	12.7	ug/Kg	10	<RDL	6.4	12.8	ug/Kg	11	<RDL	6.3	12.5	ug/Kg
Di-N-Octyl Phthalate		<MDL	6.3	12.7	ug/Kg		<MDL	6.4	12.8	ug/Kg		<MDL	6.3	12.5	ug/Kg
Dibenzo(a,h)anthracene	9.21		3.2	6.35	ug/Kg	6.74		3.2	6.42	ug/Kg	9.73		3.1	6.26	ug/Kg
Dibenzofuran	9.86		3.2	6.35	ug/Kg	3.9	<RDL	3.2	6.42	ug/Kg	13		3.1	6.26	ug/Kg
Diethyl Phthalate		<MDL	6.3	12.7	ug/Kg		<MDL	6.4	12.8	ug/Kg		<MDL	6.3	12.5	ug/Kg

King County Environmental Lab Analytical Report

Project:	423062-200-4	423062-200-4	423062-200-4
Locator:	DUD_8C	DUD_9C	DUD_10C
Descrip:	CLEANUP AREA PERIM	CLEANUP AREA PERIM	CLEANUP AREA PERIM
Sample:	L47888-4	L47888-5	L47888-6
Matrix:	SF SALTWTRSED	SF SALTWTRSED	SF SALTWTRSED
ColDate:	4/28/09 14:00	4/29/09 8:25	4/29/09 8:55
TimeSpan:			
TotalSolid:	63	62.3	63.9
ClientLoc:			
SampDepth:	8	12	14
	DRY Weight Basis	**DRY Weight Basis**	**DRY Weight Basis**

Parameters	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
Dimethyl Phthalate		<MDL	6.3	12.7	ug/Kg		<MDL	6.4	12.8	ug/Kg		<MDL	6.3	12.5	ug/Kg
Fluoranthene	286		3.2	6.35	ug/Kg	94.2		3.2	6.42	ug/Kg	540		3.1	6.26	ug/Kg
Fluorene	16.8		3.2	6.35	ug/Kg	6.97		3.2	6.42	ug/Kg	30.7		3.1	6.26	ug/Kg
Hexachlorobenzene		<MDL	0.16	0.317	ug/Kg		<MDL	0.16	0.321	ug/Kg		<MDL	0.16	0.313	ug/Kg
Hexachlorobutadiene		<MDL	0.79	1.59	ug/Kg		<MDL	0.8	1.61	ug/Kg		<MDL	0.78	1.56	ug/Kg
Hexachloroethane		<MDL	1.6	3.17	ug/Kg		<MDL	1.6	3.21	ug/Kg		<MDL	1.6	3.13	ug/Kg
Indeno(1,2,3-Cd)Pyrene	18.3		3.2	6.35	ug/Kg	12.3		3.2	6.42	ug/Kg	23.5		3.1	6.26	ug/Kg
N-Nitrosodiphenylamine		<MDL	6.3	12.7	ug/Kg		<MDL	6.4	12.8	ug/Kg		<MDL	6.3	12.5	ug/Kg
Naphthalene	12.2		3.2	6.35	ug/Kg		<MDL	3.2	6.42	ug/Kg	3.4	<RDL	3.1	6.26	ug/Kg
Pentachlorophenol		<MDL	16	31.7	ug/Kg		<MDL	16	32.1	ug/Kg		<MDL	16	31.3	ug/Kg
Phenanthrene	84.9		3.2	6.35	ug/Kg	41.9		3.2	6.42	ug/Kg	222		3.1	6.26	ug/Kg
Phenol		<MDL	6.3	12.7	ug/Kg		<MDL	6.4	12.8	ug/Kg		<MDL	6.3	12.5	ug/Kg
Pyrene	651		3.2	6.35	ug/Kg	119		3.2	6.42	ug/Kg	565		3.1	6.26	ug/Kg
Total 4-Nonylphenol		<MDL	7.9	15.9	ug/Kg		<MDL	8	16.1	ug/Kg		<MDL	7.8	15.6	ug/Kg
Total HPAHS	1320		3.2	6.35	ug/Kg	454		3.2	6.42	ug/Kg	1880		3.1	6.26	ug/Kg
Total LPAHs	202		3.2	6.35	ug/Kg	74.6		3.2	6.42	ug/Kg	369		3.1	6.26	ug/Kg
OR SW846 3550B*SW846 8081B															
4,4'-DDD*		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg
4,4'-DDE*		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg
4,4'-DDT*		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg
Aldrin		<MDL	1.1	2.11	ug/Kg		<MDL	1.1	2.13	ug/Kg		<MDL	1	2.08	ug/Kg
Alpha-BHC		<MDL	0.52	1.06	ug/Kg		<MDL	0.53	1.07	ug/Kg		<MDL	0.52	1.04	ug/Kg
Alpha-Chlordane		<MDL	0.52	1.06	ug/Kg		<MDL	0.53	1.07	ug/Kg		<MDL	0.52	1.04	ug/Kg
Beta-BHC		<MDL	0.52	1.06	ug/Kg		<MDL	0.53	1.07	ug/Kg		<MDL	0.52	1.04	ug/Kg
Delta-BHC		<MDL	0.52	1.06	ug/Kg		<MDL	0.53	1.07	ug/Kg		<MDL	0.52	1.04	ug/Kg
Dieldrin		<MDL	1.1	2.11	ug/Kg		<MDL	1.1	2.13	ug/Kg		<MDL	1	2.08	ug/Kg
Endosulfan I		<MDL	1.1	2.11	ug/Kg		<MDL	1.1	2.13	ug/Kg		<MDL	1	2.08	ug/Kg
Endosulfan II		<MDL	1.1	2.11	ug/Kg		<MDL	1.1	2.13	ug/Kg		<MDL	1	2.08	ug/Kg
Endosulfan Sulfate		<MDL	1.1	2.11	ug/Kg		<MDL	1.1	2.13	ug/Kg		<MDL	1	2.08	ug/Kg
Endrin		<MDL	1.1	2.11	ug/Kg		<MDL	1.1	2.13	ug/Kg		<MDL	1	2.08	ug/Kg
Endrin Aldehyde		<MDL	1.1	2.11	ug/Kg		<MDL	1.1	2.13	ug/Kg		<MDL	1	2.08	ug/Kg
Gamma-BHC (Lindane)		<MDL	0.52	1.06	ug/Kg		<MDL	0.53	1.07	ug/Kg		<MDL	0.52	1.04	ug/Kg
Gamma-Chlordane		<MDL	0.52	1.06	ug/Kg		<MDL	0.53	1.07	ug/Kg		<MDL	0.52	1.04	ug/Kg
Heptachlor		<MDL	0.52	1.06	ug/Kg		<MDL	0.53	1.07	ug/Kg		<MDL	0.52	1.04	ug/Kg
Heptachlor Epoxide		<MDL	0.52	1.06	ug/Kg		<MDL	0.53	1.07	ug/Kg		<MDL	0.52	1.04	ug/Kg
Methoxychlor		<MDL	5.2	10.6	ug/Kg		<MDL	5.3	10.7	ug/Kg		<MDL	5.2	10.4	ug/Kg
Toxaphene		<MDL	11	21.1	ug/Kg		<MDL	11	21.3	ug/Kg		<MDL	10	20.8	ug/Kg
OR SW846 3550B*SW846 8082A															
Aroclor 1016		<MDL,TA	810	1620	ug/Kg		<MDL,TA	32	63.4	ug/Kg		<MDL,TA	23	46.8	ug/Kg
Aroclor 1221		<MDL	52	106	ug/Kg		<MDL	2.7	5.35	ug/Kg		<MDL	2.7	5.21	ug/Kg
Aroclor 1232		<MDL,TA	320	641	ug/Kg		<MDL,TA	13	27	ug/Kg		<MDL,TA	31	63.4	ug/Kg
Aroclor 1242		<MDL,TA	3300	6510	ug/Kg		<MDL,TA	100	197	ug/Kg		<MDL,TA	86	172	ug/Kg
Aroclor 1248	1620		27	52.9	ug/Kg	61.6		1.3	2.68	ug/Kg	49.9		1.3	2.61	ug/Kg
Aroclor 1254	1620		27	52.9	ug/Kg	79.6		1.3	2.68	ug/Kg	63.4		1.3	2.61	ug/Kg
Aroclor 1260	698		27	52.9	ug/Kg	25.5		1.3	2.68	ug/Kg	28.5		1.3	2.61	ug/Kg
Total Aroclors	3940		27	52.9	ug/Kg	167		1.3	2.68	ug/Kg	142		1.3	2.61	ug/Kg

* Not converted to dry weight basis

King County Environmental Lab Analytical Report

Project:	423062-200-4	423062-200-4	423062-200-4
Locator:	DUD_11C	DUD_12C	DUD_13C
Descrip:	CLEANUP AREA PERIM	CLEANUP AREA PERIM	PERIMETER LOCATION
Sample:	L47888-7	L47888-8	L47888-9
Matrix:	SF SALTWTRSED	SF SALTWTRSED	SF SALTWTRSED
ColDate:	4/29/09 9:37	4/29/09 10:00	4/29/09 10:40
TimeSpan:			
TotalSolid:	62.3	63.9	46.7
ClientLoc:			
SampDepth:	9	10	10
	DRY Weight Basis	**DRY Weight Basis**	**DRY Weight Basis**

Parameters	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
M=CV ASTM D422															
Clay*	13.9		0.77	1.55	%	13.2		0.78	1.55	%	32.1		1.1	2.14	%
Fines*	37.9		0.77	1.55	%	44.2		0.78	1.55	%	81.4		1.1	2.14	%
Gravel*	4.8		0.15	1.55	%	0.4	<RDL	0.16	1.55	%		<MDL	0.21	2.14	%
Sand*	54.3		0.15	1.55	%	51.3		0.16	1.55	%	14.8		0.21	2.14	%
Silt*	24		0.77	1.55	%	31		0.78	1.55	%	49.2		1.1	2.14	%
p+0.00*	1.8		0.15	1.55	%	0.4	<RDL	0.16	1.55	%		<MDL	0.21	2.14	%
p+1.00*	4.6		0.15	1.55	%	1.4		0.16	1.55	%	0.2	<RDL	0.21	2.14	%
p+10.0(equal/more than)*	7.7		0.77	1.55	%	7.8		0.78	1.55	%	16.1		1.1	2.14	%
p+2.00*	23.1		0.15	1.55	%	10.3		0.16	1.55	%	1.8		0.21	2.14	%
p+3.00*	18.2		0.15	1.55	%	27.2		0.16	1.55	%	5.2		0.21	2.14	%
p+4.00*	6.7		0.15	1.55	%	12.2		0.16	1.55	%	7.5		0.21	2.14	%
p+5.00*	3.1		0.77	1.55	%	3.1		0.78	1.55	%	4.3		1.1	2.14	%
p+6.00*	7.7		0.77	1.55	%	10.9		0.78	1.55	%	19.3		1.1	2.14	%
p+7.00*	6.2		0.77	1.55	%	9.3		0.78	1.55	%	15		1.1	2.14	%
p+8.00*	7		0.77	1.55	%	7.8		0.78	1.55	%	10.7		1.1	2.14	%
p+9.00*	6.2		0.77	1.55	%	5.4		0.78	1.55	%	16.1		1.1	2.14	%
p-1.00*	2.1		0.15	1.55	%	0.4	<RDL	0.16	1.55	%		<MDL	0.21	2.14	%
p-2.00*	0.8	<RDL	0.15	1.55	%		<MDL	0.16	1.55	%		<MDL	0.21	2.14	%
p-2.00(less than)*	1.9		0.15	1.55	%		<MDL	0.16	1.55	%		<MDL	0.21	2.14	%
CV SW846 9060-PSEP96															
Total Organic Carbon	11100		1900	3720	mg/Kg	11800		1700	3580	mg/Kg	19000		1800	3550	mg/Kg
M=CV SM2540-G															
Total Solids*	62.3		0.005	0.01	%	63.9		0.005	0.01	%	46.7		0.005	0.01	%
M=ES NONE															
Field Personnel*	BK,JDD,SH				none	BK,JDD,SH				none	BK,JDD,SH				none
Sampcoordx1*	1266841				ft	1266817				ft	1267237				ft
Sampcoordx2*	1266844				ft	1266813				ft	1267240				ft
Sampcoordx3*	1266842				ft	1266815				ft	1267248				ft
Sampcoordx4*	1266844				ft	1266821				ft	1267237				ft
Sampcoordx5*	1266841				ft	1266807				ft	1267238				ft
Sampcoordx6*						1266812				ft					
Sampcoordy1*	209540				ft	209630				ft	207861				ft
Sampcoordy2*	209530				ft	209630				ft	207862				ft
Sampcoordy3*	209534				ft	209625				ft	207858				ft
Sampcoordy4*	209534				ft	209632				ft	207858				ft
Sampcoordy5*	209535				ft	209630				ft	207860				ft
Sampcoordy6*						209631				ft					
Sampcoordx7*															
Sampcoordy7*															
Sample Depth*	9				m	10				m	10				m
Sampling Method*	20143				none	20143				none	20143				none
Sediment Sampling Depth*	11				cm	11				cm	15				cm
Sediment Sampling Range*					cm					cm					cm
Sediment Type*	12N21				none	12N21				none	21P21				none
Tidal Condition*	E				none	E				none	E				none
Tide Height*	7				ft	6				ft	5				ft
Sample Function*															

King County Environmental Lab Analytical Report

Project:	423062-200-4					Project:	423062-200-4					Project:	423062-200-4			
Locator:	DUD_11C					Locator:	DUD_12C					Locator:	DUD_13C			
Descrip:	CLEANUP AREA PERIM					Descrip:	CLEANUP AREA PERIM					Descrip:	PERIMETER LOCATION			
Sample:	L47888-7					Sample:	L47888-8					Sample:	L47888-9			
Matrix:	SF SALTWTRSED					Matrix:	SF SALTWTRSED					Matrix:	SF SALTWTRSED			
ColDate:	4/29/09 9:37					ColDate:	4/29/09 10:00					ColDate:	4/29/09 10:40			
TimeSpan:						TimeSpan:						TimeSpan:				
TotalSolid:	62.3					TotalSolid:	63.9					TotalSolid:	46.7			
ClientLoc:						ClientLoc:						ClientLoc:				
SampDepth:	9					SampDepth:	10					SampDepth:	10			
DRY Weight Basis						**DRY Weight Basis**						**DRY Weight Basis**				
Parameters	**Value**	**Qual**	**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**	
MT SW846 3050B*SW846 6010C																
Aluminum, Total, ICP	18500		7.7	38.8	mg/Kg	17700		8	40.2	mg/Kg	26600		11	53.7	mg/Kg	
Antimony, Total, ICP		<MDL,JG	1.2	5.81	mg/Kg		<MDL,JG	1.2	6.04	mg/Kg		<MDL,JG	1.6	8.05	mg/Kg	
Arsenic, Total, ICP	7.4	<RDL	1.9	9.7	mg/Kg	9.1	<RDL	2	10.1	mg/Kg	11	<RDL	2.8	13.4	mg/Kg	
Beryllium, Total, ICP	0.441		0.077	0.388	mg/Kg	0.44		0.08	0.402	mg/Kg	0.679		0.11	0.537	mg/Kg	
Cadmium, Total, ICP	0.32	<RDL	0.16	0.775	mg/Kg	0.5	<RDL	0.16	0.806	mg/Kg	0.41	<RDL	0.21	1.07	mg/Kg	
Chromium, Total, ICP	26		0.22	1.16	mg/Kg	29.3		0.23	1.21	mg/Kg	29.8		0.32	1.61	mg/Kg	
Copper, Total, ICP	54.1		0.3	1.55	mg/Kg	66.2		0.33	1.61	mg/Kg	62.5		0.43	2.14	mg/Kg	
Iron, Total, ICP	26800		3.9	19.4	mg/Kg	25800		4.1	20.2	mg/Kg	35100		5.4	26.8	mg/Kg	
Lead, Total, ICP	19.6		1.6	7.75	mg/Kg	58.1		1.6	8.06	mg/Kg	27.4		2.1	10.7	mg/Kg	
Manganese, Total, ICP	305		0.16	0.775	mg/Kg	286		0.16	0.806	mg/Kg	392		0.21	1.07	mg/Kg	
Nickel, Total, ICP	23.8		0.39	1.94	mg/Kg	24.6		0.41	2.02	mg/Kg	25.5		0.54	2.68	mg/Kg	
Selenium, Total, ICP		<MDL	1.9	9.7	mg/Kg		<MDL	2	10.1	mg/Kg		<MDL	2.8	13.4	mg/Kg	
Silver, Total, ICP		<MDL	0.3	1.55	mg/Kg	0.36	<RDL	0.33	1.61	mg/Kg		<MDL	0.43	2.14	mg/Kg	
Thallium, Total, ICP		<MDL	3	15.5	mg/Kg		<MDL	3.3	16.1	mg/Kg		<MDL	4.3	21.4	mg/Kg	
Zinc, Total, ICP	85.7		0.39	1.94	mg/Kg	112		0.41	2.02	mg/Kg	102		0.54	2.68	mg/Kg	
MT SW846 7471B																
Mercury, Total, CVAA	0.107		0.004	0.0398	mg/Kg	0.16		0.0039	0.039	mg/Kg	0.188		0.0054	0.0537	mg/Kg	
OR EPA 3550B/8270C (7-3-01-004)																
1,2,4-Trichlorobenzene		<MDL	0.16	0.321	ug/Kg		<MDL	0.16	0.313	ug/Kg		<MDL	0.21	0.428	ug/Kg	
1,2-Dichlorobenzene		<MDL	0.32	0.642	ug/Kg		<MDL	0.31	0.626	ug/Kg		<MDL	0.43	0.857	ug/Kg	
1,3-Dichlorobenzene		<MDL	0.32	0.642	ug/Kg		<MDL	0.31	0.626	ug/Kg		<MDL	0.43	0.857	ug/Kg	
1,4-Dichlorobenzene	1.53		0.32	0.642	ug/Kg	2.22		0.31	0.626	ug/Kg		<MDL	0.43	0.857	ug/Kg	
2,4-Dimethylphenol		<MDL	1.6	3.21	ug/Kg		<MDL	1.6	3.13	ug/Kg		<MDL	2.1	4.28	ug/Kg	
2-Methylnaphthalene		<MDL	3.2	6.42	ug/Kg		<MDL	3.1	6.26	ug/Kg	6.6	<RDL	4.3	8.57	ug/Kg	
2-Methylphenol		<MDL	3.2	6.42	ug/Kg		<MDL	3.1	6.26	ug/Kg		<MDL	4.3	8.57	ug/Kg	
4-Methylphenol	6.7	<RDL	6.4	12.8	ug/Kg		<MDL	6.3	12.5	ug/Kg		<MDL	8.6	17.1	ug/Kg	
Acenaphthene	4.7	<RDL	3.2	6.42	ug/Kg	6.76		3.1	6.26	ug/Kg		<MDL	4.3	8.57	ug/Kg	
Acenaphthylene	3.2	<RDL	3.2	6.42	ug/Kg	3.4	<RDL	3.1	6.26	ug/Kg		<MDL	4.3	8.57	ug/Kg	
Anthracene	44		3.2	6.42	ug/Kg	35.5		3.1	6.26	ug/Kg	28.5		4.3	8.57	ug/Kg	
Benzo(a)anthracene	107		3.2	6.42	ug/Kg	79		3.1	6.26	ug/Kg	76		4.3	8.57	ug/Kg	
Benzo(a)pyrene	51.7		3.2	6.42	ug/Kg	40.4		3.1	6.26	ug/Kg	32.3		4.3	8.57	ug/Kg	
Benzo(b)fluoranthene	70		3.2	6.42	ug/Kg	58.1		3.1	6.26	ug/Kg	45.8		4.3	8.57	ug/Kg	
Benzo(g,h,i)perylene	21.2		3.2	6.42	ug/Kg	15.8		3.1	6.26	ug/Kg	9.89		4.3	8.57	ug/Kg	
Benzo(k)fluoranthene	70.8		3.2	6.42	ug/Kg	54.8		3.1	6.26	ug/Kg	50.5		4.3	8.57	ug/Kg	
Benzoic Acid	142		16	32.1	ug/Kg	78.9		16	31.3	ug/Kg	87.4		21	42.8	ug/Kg	
Benzyl Alcohol		<MDL	3.2	6.42	ug/Kg		<MDL	3.1	6.26	ug/Kg		<MDL	4.3	8.57	ug/Kg	
Benzyl Butyl Phthalate	124		1.6	3.21	ug/Kg	22.1	B	1.6	3.13	ug/Kg	35.5	B	2.1	4.28	ug/Kg	
Bis(2-Ethylhexyl)Phthalate	1150		6.4	12.8	ug/Kg	465	B2	6.3	12.5	ug/Kg	296	B	8.6	17.1	ug/Kg	
Caffeine		<MDL	6.4	12.8	ug/Kg		<MDL	6.3	12.5	ug/Kg		<MDL	8.6	17.1	ug/Kg	
Carbazole	17.3		3.2	6.42	ug/Kg	13.6		3.1	6.26	ug/Kg	9.51		4.3	8.57	ug/Kg	
Chrysene	136		3.2	6.42	ug/Kg	119		3.1	6.26	ug/Kg	110		4.3	8.57	ug/Kg	
Coprostanol		<MDL	64	128	ug/Kg		<MDL	63	125	ug/Kg		<MDL	86	171	ug/Kg	
Di-N-Butyl Phthalate	11	<RDL	6.4	12.8	ug/Kg	12	<RDL	6.3	12.5	ug/Kg	12	<RDL	8.6	17.1	ug/Kg	
Di-N-Octyl Phthalate		<MDL	6.4	12.8	ug/Kg		<MDL	6.3	12.5	ug/Kg		<MDL	8.6	17.1	ug/Kg	
Dibenzo(a,h)anthracene	10.6		3.2	6.42	ug/Kg	7.37		3.1	6.26	ug/Kg	5.1	<RDL	4.3	8.57	ug/Kg	
Dibenzofuran	5	<RDL	3.2	6.42	ug/Kg	5.3	<RDL	3.1	6.26	ug/Kg		<MDL	4.3	8.57	ug/Kg	
Diethyl Phthalate		<MDL	6.4	12.8	ug/Kg		<MDL	6.3	12.5	ug/Kg		<MDL	8.6	17.1	ug/Kg	

King County Environmental Lab Analytical Report

Project:	423062-200-4	423062-200-4	423062-200-4
Locator:	DUD_11C	DUD_12C	DUD_13C
Descrip:	CLEANUP AREA PERIM	CLEANUP AREA PERIM	PERIMETER LOCATION
Sample:	L47888-7	L47888-8	L47888-9
Matrix:	SF SALTWTRSED	SF SALTWTRSED	SF SALTWTRSED
ColDate:	4/29/09 9:37	4/29/09 10:00	4/29/09 10:40
TimeSpan:			
TotalSolid:	62.3	63.9	46.7
ClientLoc:			
SampDepth:	9	10	10
	DRY Weight Basis	**DRY Weight Basis**	**DRY Weight Basis**

Parameters	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
Dimethyl Phthalate		<MDL	6.4	12.8	ug/Kg		<MDL	6.3	12.5	ug/Kg		<MDL	8.6	17.1	ug/Kg
Fluoranthene	218		3.2	6.42	ug/Kg	169		3.1	6.26	ug/Kg	149		4.3	8.57	ug/Kg
Fluorene	11.2		3.2	6.42	ug/Kg	9.94		3.1	6.26	ug/Kg	9.29		4.3	8.57	ug/Kg
Hexachlorobenzene		<MDL	0.16	0.321	ug/Kg		<MDL	0.16	0.313	ug/Kg		<MDL	0.21	0.428	ug/Kg
Hexachlorobutadiene		<MDL	0.8	1.61	ug/Kg		<MDL	0.78	1.56	ug/Kg		<MDL	1.1	2.14	ug/Kg
Hexachloroethane		<MDL	1.6	3.21	ug/Kg		<MDL	1.6	3.13	ug/Kg		<MDL	2.1	4.28	ug/Kg
Indeno(1,2,3-Cd)Pyrene	21.2		3.2	6.42	ug/Kg	15.1		3.1	6.26	ug/Kg	10.5		4.3	8.57	ug/Kg
N-Nitrosodiphenylamine		<MDL	6.4	12.8	ug/Kg		<MDL	6.3	12.5	ug/Kg		<MDL	8.6	17.1	ug/Kg
Naphthalene	5.8	<RDL	3.2	6.42	ug/Kg		<MDL	3.1	6.26	ug/Kg		<MDL	4.3	8.57	ug/Kg
Pentachlorophenol		<MDL	16	32.1	ug/Kg		<MDL	16	31.3	ug/Kg		<MDL	21	42.8	ug/Kg
Phenanthrene	92.1		3.2	6.42	ug/Kg	73.4		3.1	6.26	ug/Kg	45.6		4.3	8.57	ug/Kg
Phenol		<MDL	6.4	12.8	ug/Kg		<MDL	6.3	12.5	ug/Kg		<MDL	8.6	17.1	ug/Kg
Pyrene	246		3.2	6.42	ug/Kg	235		3.1	6.26	ug/Kg	162		4.3	8.57	ug/Kg
Total 4-Nonylphenol		<MDL	8	16.1	ug/Kg		<MDL	7.8	15.6	ug/Kg		<MDL	11	21.4	ug/Kg
Total HPAHS	953		3.2	6.42	ug/Kg	793		3.1	6.26	ug/Kg	651		4.3	8.57	ug/Kg
Total LPAHs	164		3.2	6.42	ug/Kg	133		3.1	6.26	ug/Kg	98.7		4.3	8.57	ug/Kg
OR SW846 3550B*SW846 8081B															
4,4'-DDD*		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg
4,4'-DDE*		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg
4,4'-DDT*		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg		<MDL	0.67	1.33	ug/Kg
Aldrin		<MDL	1.1	2.13	ug/Kg		<MDL	1	2.08	ug/Kg		<MDL	1.4	2.85	ug/Kg
Alpha-BHC		<MDL	0.53	1.07	ug/Kg		<MDL	0.52	1.04	ug/Kg		<MDL	0.71	1.43	ug/Kg
Alpha-Chlordane		<MDL	0.53	1.07	ug/Kg		<MDL	0.52	1.04	ug/Kg		<MDL	0.71	1.43	ug/Kg
Beta-BHC		<MDL	0.53	1.07	ug/Kg		<MDL	0.52	1.04	ug/Kg		<MDL	0.71	1.43	ug/Kg
Delta-BHC		<MDL	0.53	1.07	ug/Kg		<MDL	0.52	1.04	ug/Kg		<MDL	0.71	1.43	ug/Kg
Dieldrin		<MDL	1.1	2.13	ug/Kg		<MDL	1	2.08	ug/Kg		<MDL	1.4	2.85	ug/Kg
Endosulfan I		<MDL	1.1	2.13	ug/Kg		<MDL	1	2.08	ug/Kg		<MDL	1.4	2.85	ug/Kg
Endosulfan II		<MDL	1.1	2.13	ug/Kg		<MDL	1	2.08	ug/Kg		<MDL	1.4	2.85	ug/Kg
Endosulfan Sulfate		<MDL	1.1	2.13	ug/Kg		<MDL	1	2.08	ug/Kg		<MDL	1.4	2.85	ug/Kg
Endrin		<MDL	1.1	2.13	ug/Kg		<MDL	1	2.08	ug/Kg		<MDL	1.4	2.85	ug/Kg
Endrin Aldehyde		<MDL	1.1	2.13	ug/Kg		<MDL	1	2.08	ug/Kg		<MDL	1.4	2.85	ug/Kg
Gamma-BHC (Lindane)		<MDL	0.53	1.07	ug/Kg		<MDL	0.52	1.04	ug/Kg		<MDL	0.71	1.43	ug/Kg
Gamma-Chlordane		<MDL	0.53	1.07	ug/Kg		<MDL	0.52	1.04	ug/Kg		<MDL	0.71	1.43	ug/Kg
Heptachlor		<MDL	0.53	1.07	ug/Kg		<MDL	0.52	1.04	ug/Kg		<MDL	0.71	1.43	ug/Kg
Heptachlor Epoxide		<MDL	0.53	1.07	ug/Kg		<MDL	0.52	1.04	ug/Kg		<MDL	0.71	1.43	ug/Kg
Methoxychlor		<MDL	5.3	10.7	ug/Kg		<MDL	5.2	10.4	ug/Kg		<MDL	7.1	14.3	ug/Kg
Toxaphene		<MDL	11	21.3	ug/Kg		<MDL	10	20.8	ug/Kg		<MDL	14	28.5	ug/Kg
OR SW846 3550B*SW846 8082A															
Aroclor 1016		<MDL,TA	12	24.2	ug/Kg		<MDL,TA	49	96.2	ug/Kg		<MDL,TA	15	29.1	ug/Kg
Aroclor 1221		<MDL	2.7	5.35	ug/Kg		<MDL,TA	16	31.8	ug/Kg		<MDL	3.6	7.13	ug/Kg
Aroclor 1232		<MDL	2.7	5.35	ug/Kg		<MDL,TA	19	37.1	ug/Kg		<MDL	3.6	7.13	ug/Kg
Aroclor 1242		<MDL,TA	30	59.6	ug/Kg		<MDL,TA	150	296	ug/Kg		<MDL,TA	41	82.4	ug/Kg
Aroclor 1248	21.5		1.3	2.68	ug/Kg	89.5		1.3	2.61	ug/Kg	26.6		1.8	3.58	ug/Kg
Aroclor 1254	28.9		1.3	2.68	ug/Kg	109		1.3	2.61	ug/Kg	45.2		1.8	3.58	ug/Kg
Aroclor 1260	16.5		1.3	2.68	ug/Kg	41.2		1.3	2.61	ug/Kg	19.7		1.8	3.58	ug/Kg
Total Aroclors	66.9		1.3	2.68	ug/Kg	239		1.3	2.61	ug/Kg	91.4		1.8	3.58	ug/Kg

* Not converted to dry weight basis

Appendix D

Comparison of Sediment Chemistry Results to Apparent Effects Thresholds

Comparison of 2008 and 2009 Sediment Chemistry Results to Apparent Effects Thresholds

LOCATOR	DATE	Sample ID	Parameter	LAET	2LAET	VALUE	QUALIFIER
DUD_1A	3/24/2008	L45304-1	1,2,4-Trichlorobenzene	31	51	0.130	<MDL
DUD_1A	3/24/2008	L45304-1	1,2-Dichlorobenzene	35	50	0.259	<MDL
DUD_1A	3/24/2008	L45304-1	1,4-Dichlorobenzene	110	120	**636**	
DUD_1A	3/24/2008	L45304-1	2-Methylnaphthalene	670	1400	11.5	
DUD_1A	3/24/2008	L45304-1	Acenaphthene	500	730	7.04	
DUD_1A	3/24/2008	L45304-1	Acenaphthylene	1300	1300	2.59	<MDL
DUD_1A	3/24/2008	L45304-1	Anthracene	960	4400	10.8	
DUD_1A	3/24/2008	L45304-1	Benzo(a)anthracene	1300	1600	37.5	
DUD_1A	3/24/2008	L45304-1	Benzo(a)pyrene	1600	3000	44.4	
DUD_1A	3/24/2008	L45304-1	Benzo(g,h,i)perylene	670	720	33.9	
DUD_1A	3/24/2008	L45304-1	Benzyl Butyl Phthalate	63	900	**123**	B
DUD_1A	3/24/2008	L45304-1	Bis(2-Ethylhexyl)Phthalate	1300	1900	722	B
DUD_1A	3/24/2008	L45304-1	Chrysene	1400	2800	63.0	
DUD_1A	3/24/2008	L45304-1	Dibenzo(a,h)anthracene	230	540	14.3	
DUD_1A	3/24/2008	L45304-1	Dibenzofuran	540	700	4.41	<RDL
DUD_1A	3/24/2008	L45304-1	Diethyl Phthalate	200	1200	5.19	<MDL
DUD_1A	3/24/2008	L45304-1	Dimethyl Phthalate	71	160	**293**	
DUD_1A	3/24/2008	L45304-1	Di-N-Butyl Phthalate	1400	5100	354	B
DUD_1A	3/24/2008	L45304-1	Di-N-Octyl Phthalate	6200	6200	5.19	<MDL
DUD_1A	3/24/2008	L45304-1	Fluoranthene	1700	2500	104	
DUD_1A	3/24/2008	L45304-1	Fluorene	540	1000	9.64	
DUD_1A	3/24/2008	L45304-1	Hexachlorobenzene	22	70	0.130	<MDL
DUD_1A	3/24/2008	L45304-1	Hexachlorobutadiene	11	120	0.649	<MDL
DUD_1A	3/24/2008	L45304-1	Indeno(1,2,3-Cd)Pyrene	600	690	32.2	
DUD_1A	3/24/2008	L45304-1	Naphthalene	2100	2400	3.11	<RDL
DUD_1A	3/24/2008	L45304-1	N-Nitrosodiphenylamine	28	40	5.19	<MDL
DUD_1A	3/24/2008	L45304-1	Phenanthrene	1500	5400	65.0	
DUD_1A	3/24/2008	L45304-1	Pyrene	2600	3300	108	
DUD_1A	3/24/2008	L45304-1	Total HPAHS	12000	17000	518	
DUD_1A	3/24/2008	L45304-1	Total LPAHs	5200	13000	107	
DUD_2A	3/24/2008	L45304-2	1,2,4-Trichlorobenzene	31	51	0.242	<MDL
DUD_2A	3/24/2008	L45304-2	1,2-Dichlorobenzene	35	50	0.483	<MDL
DUD_2A	3/24/2008	L45304-2	1,4-Dichlorobenzene	110	120	2.75	
DUD_2A	3/24/2008	L45304-2	2-Methylnaphthalene	670	1400	10.6	
DUD_2A	3/24/2008	L45304-2	Acenaphthene	500	730	16.1	
DUD_2A	3/24/2008	L45304-2	Acenaphthylene	1300	1300	12.7	
DUD_2A	3/24/2008	L45304-2	Anthracene	960	4400	84.3	
DUD_2A	3/24/2008	L45304-2	Benzo(a)anthracene	1300	1600	261	
DUD_2A	3/24/2008	L45304-2	Benzo(a)pyrene	1600	3000	263	
DUD_2A	3/24/2008	L45304-2	Benzo(g,h,i)perylene	670	720	178	
DUD_2A	3/24/2008	L45304-2	Benzyl Butyl Phthalate	63	900	**148**	B
DUD_2A	3/24/2008	L45304-2	Bis(2-Ethylhexyl)Phthalate	1300	1900	**1874**	B
DUD_2A	3/24/2008	L45304-2	Chrysene	1400	2800	389	
DUD_2A	3/24/2008	L45304-2	Dibenzo(a,h)anthracene	230	540	78.0	
DUD_2A	3/24/2008	L45304-2	Dibenzofuran	540	700	15.2	
DUD_2A	3/24/2008	L45304-2	Diethyl Phthalate	200	1200	9.66	<MDL
DUD_2A	3/24/2008	L45304-2	Dimethyl Phthalate	71	160	9.66	<MDL
DUD_2A	3/24/2008	L45304-2	Di-N-Butyl Phthalate	1400	5100	68.6	B
DUD_2A	3/24/2008	L45304-2	Di-N-Octyl Phthalate	6200	6200	9.66	<MDL
DUD_2A	3/24/2008	L45304-2	Fluoranthene	1700	2500	527	
DUD_2A	3/24/2008	L45304-2	Fluorene	540	1000	32.1	
DUD_2A	3/24/2008	L45304-2	Hexachlorobenzene	22	70	0.242	<MDL
DUD_2A	3/24/2008	L45304-2	Hexachlorobutadiene	11	120	1.21	<MDL
DUD_2A	3/24/2008	L45304-2	Indeno(1,2,3-Cd)Pyrene	600	690	182	
DUD_2A	3/24/2008	L45304-2	Naphthalene	2100	2400	18.8	

LOCATOR	DATE	Sample ID	Parameter	LAET	2LAET	VALUE	QUALIFIER
DUD_2A	3/24/2008	L45304-2	N-Nitrosodiphenylamine	28	40	9.66	<MDL
DUD_2A	3/24/2008	L45304-2	Phenanthrene	1500	5400	194	
DUD_2A	3/24/2008	L45304-2	Pyrene	2600	3300	618	
DUD_2A	3/24/2008	L45304-2	Total HPAHS	12000	17000	3116	
DUD_2A	3/24/2008	L45304-2	Total LPAHs	5200	13000	370	
DUD_5A	3/24/2008	L45304-5	1,2,4-Trichlorobenzene	31	51	0.122	<MDL
DUD_5A	3/24/2008	L45304-5	1,2-Dichlorobenzene	35	50	0.244	<MDL
DUD_5A	3/24/2008	L45304-5	1,4-Dichlorobenzene	110	120	0.594	E
DUD_5A	3/24/2008	L45304-5	2-Methylnaphthalene	670	1400	2.44	<MDL
DUD_5A	3/24/2008	L45304-5	Acenaphthene	500	730	2.57	<RDL
DUD_5A	3/24/2008	L45304-5	Acenaphthylene	1300	1300	2.44	<MDL
DUD_5A	3/24/2008	L45304-5	Anthracene	960	4400	10.7	
DUD_5A	3/24/2008	L45304-5	Benzo(a)anthracene	1300	1600	28.7	E
DUD_5A	3/24/2008	L45304-5	Benzo(a)pyrene	1600	3000	29.3	
DUD_5A	3/24/2008	L45304-5	Benzo(g,h,i)perylene	670	720	12.7	
DUD_5A	3/24/2008	L45304-5	Benzyl Butyl Phthalate	63	900	15.2	
DUD_5A	3/24/2008	L45304-5	Bis(2-Ethylhexyl)Phthalate	1300	1900	97.9	B
DUD_5A	3/24/2008	L45304-5	Chrysene	1400	2800	39.2	
DUD_5A	3/24/2008	L45304-5	Dibenzo(a,h)anthracene	230	540	2.93	<RDL
DUD_5A	3/24/2008	L45304-5	Dibenzofuran	540	700	2.44	<MDL
DUD_5A	3/24/2008	L45304-5	Diethyl Phthalate	200	1200	5.87	<RDL
DUD_5A	3/24/2008	L45304-5	Dimethyl Phthalate	71	160	20.7	
DUD_5A	3/24/2008	L45304-5	Di-N-Butyl Phthalate	1400	5100	6.23	<RDL
DUD_5A	3/24/2008	L45304-5	Di-N-Octyl Phthalate	6200	6200	4.89	<MDL
DUD_5A	3/24/2008	L45304-5	Fluoranthene	1700	2500	61.0	E
DUD_5A	3/24/2008	L45304-5	Fluorene	540	1000	6.47	
DUD_5A	3/24/2008	L45304-5	Hexachlorobenzene	22	70	0.122	<MDL
DUD_5A	3/24/2008	L45304-5	Hexachlorobutadiene	11	120	0.611	<MDL
DUD_5A	3/24/2008	L45304-5	Indeno(1,2,3-Cd)Pyrene	600	690	15.2	
DUD_5A	3/24/2008	L45304-5	Naphthalene	2100	2400	2.44	<MDL
DUD_5A	3/24/2008	L45304-5	N-Nitrosodiphenylamine	28	40	4.890	<MDL
DUD_5A	3/24/2008	L45304-5	Phenanthrene	1500	5400	41.3	
DUD_5A	3/24/2008	L45304-5	Pyrene	2600	3300	71.0	E
DUD_5A	3/24/2008	L45304-5	Total HPAHS	12000	17000	319	
DUD_5A	3/24/2008	L45304-5	Total LPAHs	5200	13000	62.8	
DUD_5A	3/24/2008	L45304-6	1,2,4-Trichlorobenzene	31	51	0.123	<MDL
DUD_5A	3/24/2008	L45304-6	1,2-Dichlorobenzene	35	50	0.245	<MDL
DUD_5A	3/24/2008	L45304-6	1,4-Dichlorobenzene	110	120	1.67	E
DUD_5A	3/24/2008	L45304-6	2-Methylnaphthalene	670	1400	2.45	<MDL
DUD_5A	3/24/2008	L45304-6	Acenaphthene	500	730	2.45	<MDL
DUD_5A	3/24/2008	L45304-6	Acenaphthylene	1300	1300	2.45	<MDL
DUD_5A	3/24/2008	L45304-6	Anthracene	960	4400	2.57	<RDL
DUD_5A	3/24/2008	L45304-6	Benzo(a)anthracene	1300	1600	5.87	E
DUD_5A	3/24/2008	L45304-6	Benzo(a)pyrene	1600	3000	11.8	
DUD_5A	3/24/2008	L45304-6	Benzo(g,h,i)perylene	670	720	5.47	
DUD_5A	3/24/2008	L45304-6	Benzyl Butyl Phthalate	63	900	11.8	
DUD_5A	3/24/2008	L45304-6	Bis(2-Ethylhexyl)Phthalate	1300	1900	53.6	B
DUD_5A	3/24/2008	L45304-6	Chrysene	1400	2800	14.2	
DUD_5A	3/24/2008	L45304-6	Dibenzo(a,h)anthracene	230	540	2.45	<MDL
DUD_5A	3/24/2008	L45304-6	Dibenzofuran	540	700	2.45	<MDL
DUD_5A	3/24/2008	L45304-6	Diethyl Phthalate	200	1200	4.90	<MDL
DUD_5A	3/24/2008	L45304-6	Dimethyl Phthalate	71	160	4.90	<MDL
DUD_5A	3/24/2008	L45304-6	Di-N-Butyl Phthalate	1400	5100	4.90	<MDL
DUD_5A	3/24/2008	L45304-6	Di-N-Octyl Phthalate	6200	6200	4.90	<MDL
DUD_5A	3/24/2008	L45304-6	Fluoranthene	1700	2500	13.2	E
DUD_5A	3/24/2008	L45304-6	Fluorene	540	1000	4.17	<RDL

LOCATOR	DATE	Sample ID	Parameter	LAET	2LAET	VALUE	QUALIFIER
DUD_5A	3/24/2008	L45304-6	Hexachlorobenzene	22	70	0.123	<MDL
DUD_5A	3/24/2008	L45304-6	Hexachlorobutadiene	11	120	0.613	<MDL
DUD_5A	3/24/2008	L45304-6	Indeno(1,2,3-Cd)Pyrene	600	690	7.14	
DUD_5A	3/24/2008	L45304-6	Naphthalene	2100	2400	2.45	<MDL
DUD_5A	3/24/2008	L45304-6	N-Nitrosodiphenylamine	28	40	4.90	<MDL
DUD_5A	3/24/2008	L45304-6	Phenanthrene	1500	5400	7.49	
DUD_5A	3/24/2008	L45304-6	Pyrene	2600	3300	13.0	E
DUD_5A	3/24/2008	L45304-6	Total HPAHS	12000	17000	93.1	
DUD_5A	3/24/2008	L45304-6	Total LPAHs	5200	13000	14.7	
DUD_8C	3/24/2008	L45302-3	1,2,4-Trichlorobenzene	31	51	0.135	<MDL
DUD_8C	3/24/2008	L45302-3	1,2-Dichlorobenzene	35	50	0.271	<MDL
DUD_8C	3/24/2008	L45302-3	1,4-Dichlorobenzene	110	120	0.271	<MDL
DUD_8C	3/24/2008	L45302-3	2-Methylnaphthalene	670	1400	5.49	
DUD_8C	3/24/2008	L45302-3	Acenaphthene	500	730	4.19	<RDL
DUD_8C	3/24/2008	L45302-3	Acenaphthylene	1300	1300	2.84	<RDL
DUD_8C	3/24/2008	L45302-3	Anthracene	960	4400	24.6	
DUD_8C	3/24/2008	L45302-3	Benzo(a)anthracene	1300	1600	53.5	
DUD_8C	3/24/2008	L45302-3	Benzo(a)pyrene	1600	3000	65.6	
DUD_8C	3/24/2008	L45302-3	Benzo(g,h,i)perylene	670	720	36.4	
DUD_8C	3/24/2008	L45302-3	Benzyl Butyl Phthalate	63	900	31.9	B
DUD_8C	3/24/2008	L45302-3	Bis(2-Ethylhexyl)Phthalate	1300	1900	552	B
DUD_8C	3/24/2008	L45302-3	Chrysene	1400	2800	83.4	
DUD_8C	3/24/2008	L45302-3	Dibenzo(a,h)anthracene	230	540	12.5	
DUD_8C	3/24/2008	L45302-3	Dibenzofuran	540	700	5.28	<RDL
DUD_8C	3/24/2008	L45302-3	Diethyl Phthalate	200	1200	5.41	<MDL
DUD_8C	3/24/2008	L45302-3	Dimethyl Phthalate	71	160	5.41	<MDL
DUD_8C	3/24/2008	L45302-3	Di-N-Butyl Phthalate	1400	5100	18.9	B
DUD_8C	3/24/2008	L45302-3	Di-N-Octyl Phthalate	6200	6200	5.41	<MDL
DUD_8C	3/24/2008	L45302-3	Fluoranthene	1700	2500	75.1	
DUD_8C	3/24/2008	L45302-3	Fluorene	540	1000	25.4	
DUD_8C	3/24/2008	L45302-3	Hexachlorobenzene	22	70	0.135	<MDL
DUD_8C	3/24/2008	L45302-3	Hexachlorobutadiene	11	120	0.677	<MDL
DUD_8C	3/24/2008	L45302-3	Indeno(1,2,3-Cd)Pyrene	600	690	41.4	
DUD_8C	3/24/2008	L45302-3	Naphthalene	2100	2400	3.52	<RDL
DUD_8C	3/24/2008	L45302-3	N-Nitrosodiphenylamine	28	40	5.41	<MDL
DUD_8C	3/24/2008	L45302-3	Phenanthrene	1500	5400	46.0	
DUD_8C	3/24/2008	L45302-3	Pyrene	2600	3300	169	
DUD_8C	3/24/2008	L45302-3	Total HPAHS	12000	17000	702	
DUD_8C	3/24/2008	L45302-3	Total LPAHs	5200	13000	97.4	
DUD_8C	3/24/2008	L45302-4	1,2,4-Trichlorobenzene	31	51	0.133	<MDL
DUD_8C	3/24/2008	L45302-4	1,2-Dichlorobenzene	35	50	0.477	<RDL
DUD_8C	3/24/2008	L45302-4	1,4-Dichlorobenzene	110	120	0.855	
DUD_8C	3/24/2008	L45302-4	2-Methylnaphthalene	670	1400	3.3	<RDL
DUD_8C	3/24/2008	L45302-4	Acenaphthene	500	730	7.7	
DUD_8C	3/24/2008	L45302-4	Acenaphthylene	1300	1300	2.7	<RDL
DUD_8C	3/24/2008	L45302-4	Anthracene	960	4400	25.6	
DUD_8C	3/24/2008	L45302-4	Benzo(a)anthracene	1300	1600	49.5	
DUD_8C	3/24/2008	L45302-4	Benzo(a)pyrene	1600	3000	47.5	
DUD_8C	3/24/2008	L45302-4	Benzo(g,h,i)perylene	670	720	26.4	
DUD_8C	3/24/2008	L45302-4	Benzyl Butyl Phthalate	63	900	19.2	B
DUD_8C	3/24/2008	L45302-4	Bis(2-Ethylhexyl)Phthalate	1300	1900	247	B
DUD_8C	3/24/2008	L45302-4	Chrysene	1400	2800	67.9	
DUD_8C	3/24/2008	L45302-4	Dibenzo(a,h)anthracene	230	540	7.9	
DUD_8C	3/24/2008	L45302-4	Dibenzofuran	540	700	6.2	
DUD_8C	3/24/2008	L45302-4	Diethyl Phthalate	200	1200	5.31	<MDL
DUD_8C	3/24/2008	L45302-4	Dimethyl Phthalate	71	160	15.5	

LOCATOR	DATE	Sample ID	Parameter	LAET	2LAET	VALUE	QUALIFIER
DUD_8C	3/24/2008	L45302-4	Di-N-Butyl Phthalate	1400	5100	7.2	<RDL,B
DUD_8C	3/24/2008	L45302-4	Di-N-Octyl Phthalate	6200	6200	5.3	<MDL
DUD_8C	3/24/2008	L45302-4	Fluoranthene	1700	2500	110	
DUD_8C	3/24/2008	L45302-4	Fluorene	540	1000	13.4	
DUD_8C	3/24/2008	L45302-4	Hexachlorobenzene	22	70	0.133	<MDL
DUD_8C	3/24/2008	L45302-4	Hexachlorobutadiene	11	120	0.663	<MDL
DUD_8C	3/24/2008	L45302-4	Indeno(1,2,3-Cd)Pyrene	600	690	29.8	
DUD_8C	3/24/2008	L45302-4	Naphthalene	2100	2400	2.7	<MDL
DUD_8C	3/24/2008	L45302-4	N-Nitrosodiphenylamine	28	40	5.31	<MDL
DUD_8C	3/24/2008	L45302-4	Phenanthrene	1500	5400	68.2	
DUD_8C	3/24/2008	L45302-4	Pyrene	2600	3300	135	
DUD_8C	3/24/2008	L45302-4	Total HPAHS	12000	17000	580	
DUD_8C	3/24/2008	L45302-4	Total LPAHs	5200	13000	123	
DUD_4C	3/25/2008	L45303-2	1,2,4-Trichlorobenzene	31	51	0.122	<MDL
DUD_4C	3/25/2008	L45303-2	1,2-Dichlorobenzene	35	50	0.24	<MDL
DUD_4C	3/25/2008	L45303-2	1,4-Dichlorobenzene	110	120	0.281	<RDL
DUD_4C	3/25/2008	L45303-2	2-Methylnaphthalene	670	1400	2.44	<MDL
DUD_4C	3/25/2008	L45303-2	Acenaphthene	500	730	2.44	<MDL
DUD_4C	3/25/2008	L45303-2	Acenaphthylene	1300	1300	2.69	<RDL
DUD_4C	3/25/2008	L45303-2	Anthracene	960	4400	13.2	
DUD_4C	3/25/2008	L45303-2	Benzo(a)anthracene	1300	1600	33.5	
DUD_4C	3/25/2008	L45303-2	Benzo(a)pyrene	1600	3000	41.5	
DUD_4C	3/25/2008	L45303-2	Benzo(g,h,i)perylene	670	720	18.3	
DUD_4C	3/25/2008	L45303-2	Benzyl Butyl Phthalate	63	900	13.3	B
DUD_4C	3/25/2008	L45303-2	Bis(2-Ethylhexyl)Phthalate	1300	1900	98.8	B
DUD_4C	3/25/2008	L45303-2	Chrysene	1400	2800	55.4	
DUD_4C	3/25/2008	L45303-2	Dibenzo(a,h)anthracene	230	540	5.86	
DUD_4C	3/25/2008	L45303-2	Dibenzofuran	540	700	2.44	<MDL
DUD_4C	3/25/2008	L45303-2	Diethyl Phthalate	200	1200	5.62	<RDL
DUD_4C	3/25/2008	L45303-2	Dimethyl Phthalate	71	160	10.2	
DUD_4C	3/25/2008	L45303-2	Di-N-Butyl Phthalate	1400	5100	7.20	<RDL,B
DUD_4C	3/25/2008	L45303-2	Di-N-Octyl Phthalate	6200	6200	4.88	<MDL
DUD_4C	3/25/2008	L45303-2	Fluoranthene	1700	2500	57.6	
DUD_4C	3/25/2008	L45303-2	Fluorene	540	1000	6.43	
DUD_4C	3/25/2008	L45303-2	Hexachlorobenzene	22	70	0.122	<MDL
DUD_4C	3/25/2008	L45303-2	Hexachlorobutadiene	11	120	0.611	<MDL
DUD_4C	3/25/2008	L45303-2	Indeno(1,2,3-Cd)Pyrene	600	690	22.0	
DUD_4C	3/25/2008	L45303-2	Naphthalene	2100	2400	2.44	<MDL
DUD_4C	3/25/2008	L45303-2	N-Nitrosodiphenylamine	28	40	4.88	<MDL
DUD_4C	3/25/2008	L45303-2	Phenanthrene	1500	5400	23.2	
DUD_4C	3/25/2008	L45303-2	Pyrene	2600	3300	56.0	
DUD_4C	3/25/2008	L45303-2	Total HPAHS	12000	17000	392	
DUD_4C	3/25/2008	L45303-2	Total LPAHs	5200	13000	49.6	
DUD_6C	3/25/2008	L45303-5	1,2,4-Trichlorobenzene	31	51	0.121	<MDL
DUD_6C	3/25/2008	L45303-5	1,2-Dichlorobenzene	35	50	0.242	<MDL
DUD_6C	3/25/2008	L45303-5	1,4-Dichlorobenzene	110	120	0.242	<MDL
DUD_6C	3/25/2008	L45303-5	2-Methylnaphthalene	670	1400	2.42	<MDL
DUD_6C	3/25/2008	L45303-5	Acenaphthene	500	730	2.42	<MDL
DUD_6C	3/25/2008	L45303-5	Acenaphthylene	1300	1300	2.42	<MDL
DUD_6C	3/25/2008	L45303-5	Anthracene	960	4400	7.79	
DUD_6C	3/25/2008	L45303-5	Benzo(a)anthracene	1300	1600	15.4	
DUD_6C	3/25/2008	L45303-5	Benzo(a)pyrene	1600	3000	20.4	
DUD_6C	3/25/2008	L45303-5	Benzo(g,h,i)perylene	670	720	8.31	
DUD_6C	3/25/2008	L45303-5	Benzyl Butyl Phthalate	63	900	13.9	B
DUD_6C	3/25/2008	L45303-5	Bis(2-Ethylhexyl)Phthalate	1300	1900	65.8	B
DUD_6C	3/25/2008	L45303-5	Chrysene	1400	2800	33.5	

LOCATOR	DATE	Sample ID	Parameter	LAET	2LAET	VALUE	QUALIFIER
DUD_6C	3/25/2008	L45303-5	Dibenzo(a,h)anthracene	230	540	2.42	<MDL
DUD_6C	3/25/2008	L45303-5	Dibenzofuran	540	700	2.42	<MDL
DUD_6C	3/25/2008	L45303-5	Diethyl Phthalate	200	1200	4.84	<MDL
DUD_6C	3/25/2008	L45303-5	Dimethyl Phthalate	71	160	4.84	<MDL
DUD_6C	3/25/2008	L45303-5	Di-N-Butyl Phthalate	1400	5100	5.08	<RDL,B
DUD_6C	3/25/2008	L45303-5	Di-N-Octyl Phthalate	6200	6200	4.84	<MDL
DUD_6C	3/25/2008	L45303-5	Fluoranthene	1700	2500	39.8	
DUD_6C	3/25/2008	L45303-5	Fluorene	540	1000	5.44	
DUD_6C	3/25/2008	L45303-5	Hexachlorobenzene	22	70	0.121	<MDL
DUD_6C	3/25/2008	L45303-5	Hexachlorobutadiene	11	120	0.605	<MDL
DUD_6C	3/25/2008	L45303-5	Indeno(1,2,3-Cd)Pyrene	600	690	11.1	
DUD_6C	3/25/2008	L45303-5	Naphthalene	2100	2400	2.42	<MDL
DUD_6C	3/25/2008	L45303-5	N-Nitrosodiphenylamine	28	40	4.84	<MDL
DUD_6C	3/25/2008	L45303-5	Phenanthrene	1500	5400	15.6	
DUD_6C	3/25/2008	L45303-5	Pyrene	2600	3300	38.1	
DUD_6C	3/25/2008	L45303-5	Total HPAHS	12000	17000	216	
DUD_6C	3/25/2008	L45303-5	Total LPAHs	5200	13000	32.4	
DUD_5A	4/28/2009	L47890-5	1,2,4-Trichlorobenzene	31	51	0.13	<MDL
DUD_5A	4/28/2009	L47890-5	1,2-Dichlorobenzene	35	50	0.25	<MDL
DUD_5A	4/28/2009	L47890-5	1,4-Dichlorobenzene	110	120	0.25	<MDL
DUD_5A	4/28/2009	L47890-5	2-Methylnaphthalene	670	1400	3.9	<RDL
DUD_5A	4/28/2009	L47890-5	Acenaphthene	500	730	15.0	
DUD_5A	4/28/2009	L47890-5	Acenaphthylene	1300	1300	2.50	<MDL
DUD_5A	4/28/2009	L47890-5	Anthracene	960	4400	43.1	
DUD_5A	4/28/2009	L47890-5	Benzo(a)anthracene	1300	1600	87.3	
DUD_5A	4/28/2009	L47890-5	Benzo(a)pyrene	1600	3000	69.7	
DUD_5A	4/28/2009	L47890-5	Benzo(g,h,i)perylene	670	720	37.0	
DUD_5A	4/28/2009	L47890-5	Benzyl Butyl Phthalate	63	900	7.3	B
DUD_5A	4/28/2009	L47890-5	Bis(2-Ethylhexyl)Phthalate	1300	1900	58.2	B
DUD_5A	4/28/2009	L47890-5	Chrysene	1400	2800	85.6	
DUD_5A	4/28/2009	L47890-5	Dibenzo(a,h)anthracene	230	540	16.5	
DUD_5A	4/28/2009	L47890-5	Dibenzofuran	540	700	8.0	
DUD_5A	4/28/2009	L47890-5	Diethyl Phthalate	200	1200	5.00	<MDL
DUD_5A	4/28/2009	L47890-5	Dimethyl Phthalate	71	160	5.00	<MDL
DUD_5A	4/28/2009	L47890-5	Di-N-Butyl Phthalate	1400	5100	14.9	B
DUD_5A	4/28/2009	L47890-5	Di-N-Octyl Phthalate	6200	6200	5.00	<MDL
DUD_5A	4/28/2009	L47890-5	Fluoranthene	1700	2500	205	
DUD_5A	4/28/2009	L47890-5	Fluorene	540	1000	14.9	
DUD_5A	4/28/2009	L47890-5	Hexachlorobenzene	22	70	0.13	<MDL
DUD_5A	4/28/2009	L47890-5	Hexachlorobutadiene	11	120	0.63	<MDL
DUD_5A	4/28/2009	L47890-5	Indeno(1,2,3-Cd)Pyrene	600	690	38.0	
DUD_5A	4/28/2009	L47890-5	Naphthalene	2100	2400	2.50	<MDL
DUD_5A	4/28/2009	L47890-5	N-Nitrosodiphenylamine	28	40	5.00	<MDL
DUD_5A	4/28/2009	L47890-5	Phenanthrene	1500	5400	148	
DUD_5A	4/28/2009	L47890-5	Pyrene	2600	3300	193	JG
DUD_5A	4/28/2009	L47890-5	Total HPAHS	12000	17000	873	
DUD_5A	4/28/2009	L47890-5	Total LPAHs	5200	13000	228	
DUD_5A	4/28/2009	L47890-6	1,2,4-Trichlorobenzene	31	51	0.118	<MDL
DUD_5A	4/28/2009	L47890-6	1,2-Dichlorobenzene	35	50	0.235	<MDL
DUD_5A	4/28/2009	L47890-6	1,4-Dichlorobenzene	110	120	0.24	<MDL
DUD_5A	4/28/2009	L47890-6	2-Methylnaphthalene	670	1400	2.35	<MDL
DUD_5A	4/28/2009	L47890-6	Acenaphthene	500	730	2.35	<MDL
DUD_5A	4/28/2009	L47890-6	Acenaphthylene	1300	1300	2.35	<MDL
DUD_5A	4/28/2009	L47890-6	Anthracene	960	4400	4.47	<RDL
DUD_5A	4/28/2009	L47890-6	Benzo(a)anthracene	1300	1600	10.6	
DUD_5A	4/28/2009	L47890-6	Benzo(a)pyrene	1600	3000	13.6	

LOCATOR	DATE	Sample ID	Parameter	LAET	2LAET	VALUE	QUALIFIER
DUD_5A	4/28/2009	L47890-6	Benzo(g,h,i)perylene	670	720	8.42	
DUD_5A	4/28/2009	L47890-6	Benzyl Butyl Phthalate	63	900	11.5	B
DUD_5A	4/28/2009	L47890-6	Bis(2-Ethylhexyl)Phthalate	1300	1900	51.4	B
DUD_5A	4/28/2009	L47890-6	Chrysene	1400	2800	16.9	
DUD_5A	4/28/2009	L47890-6	Dibenzo(a,h)anthracene	230	540	3.53	<RDL
DUD_5A	4/28/2009	L47890-6	Dibenzofuran	540	700	2.35	<MDL
DUD_5A	4/28/2009	L47890-6	Diethyl Phthalate	200	1200	4.71	<MDL
DUD_5A	4/28/2009	L47890-6	Dimethyl Phthalate	71	160	4.71	<MDL
DUD_5A	4/28/2009	L47890-6	Di-N-Butyl Phthalate	1400	5100	11.4	B
DUD_5A	4/28/2009	L47890-6	Di-N-Octyl Phthalate	6200	6200	4.71	<MDL
DUD_5A	4/28/2009	L47890-6	Fluoranthene	1700	2500	23.8	
DUD_5A	4/28/2009	L47890-6	Fluorene	540	1000	2.59	<RDL
DUD_5A	4/28/2009	L47890-6	Hexachlorobenzene	22	70	0.118	<MDL
DUD_5A	4/28/2009	L47890-6	Hexachlorobutadiene	11	120	0.588	<MDL
DUD_5A	4/28/2009	L47890-6	Indeno(1,2,3-Cd)Pyrene	600	690	8.24	
DUD_5A	4/28/2009	L47890-6	Naphthalene	2100	2400	2.35	<MDL
DUD_5A	4/28/2009	L47890-6	N-Nitrosodiphenylamine	28	40	4.71	<MDL
DUD_5A	4/28/2009	L47890-6	Phenanthrene	1500	5400	9.79	
DUD_5A	4/28/2009	L47890-6	Pyrene	2600	3300	24.0	JG
DUD_5A	4/28/2009	L47890-6	Total HPAHS	12000	17000	142	
DUD_5A	4/28/2009	L47890-6	Total LPAHs	5200	13000	20.5	

Note: Bolded values exceed the LAET or the LAET and 2LAET
LAET: Lowest apparent effect threshold
2LAET: Second lowest apparent effects threshold
<MDL: less than method detection limit
<RDL: less than reporting detection limit
B: detected in method blank
E: estimated
JG: Analyte was positively identified. The value maybe greater than the reported estimate.