Table 1
Sediment Samples Collected Near EAA-6

Location Name	Location Number	Date Collected	Collection Depth	Event Name	Reference
Surface Sediment Samples					
EIT060	70	9/26/1997	Surface	NOAA Site Characterization	Windward 2003a
EST141	136	9/25/1997	Surface	NOAA Site Characterization	Windward 2003a
EST142	137	10/24/1997	Surface	NOAA Site Characterization	Windward 2003a
EST143	138	9/25/1997	Surface	NOAA Site Characterization	Windward 2003a
EST147	142	9/25/1997	Surface	NOAA Site Characterization	Windward 2003a
EST148	143	11/12/1997	Surface	NOAA Site Characterization	Windward 2003a
EST158	151	9/24/1997	Surface	NOAA Site Characterization	Windward 2003a
EST159	152	9/24/1997	Surface	NOAA Site Characterization	Windward 2003a
EST160	153	9/25/1997	Surface	NOAA Site Characterization	Windward 2003a
EST161	154	11/13/1997	Surface	NOAA Site Characterization	Windward 2003a
EST162	155	9/25/1997	Surface	NOAA Site Characterization	Windward 2003a
DR187[a]	753	8/27/1998	Surface	EPA SI	Windward 2003a
DR188	754	8/25/1998	Surface	EPA SI	Windward 2003a
DR220	786	8/25/1998	Surface	EPA SI	Windward 2003a
R22	899	10/8/1997	Surface	Boeing Site Characterization	Windward 2003a
R23	900	10/11/1997	Surface	Boeing Site Characterization	Windward 2003a
R26	903	10/9/1997	Surface	Boeing Site Characterization	Windward 2003a
R27	904	10/11/1997	Surface	Boeing Site Characterization	Windward 2003a
R30[b]	908	10/11/1997	Surface	Boeing Site Characterization	Windward 2003a
R31	909	10/9/1997	Surface	Boeing Site Characterization	Windward 2003a
LDW-SS112	SS112	1/19/2005	Surface	LDW RI Phase 2 Round 1	Windward 2005a
LDW-SS114	SS114	1/20/2005	Surface	LDW RI Phase 2 Round 1	Windward 2005a
LDW-SS115	SS115	1/25/2005	Surface	LDW RI Phase 2 Round 1	Windward 2005a
LDW-SS116	SS116	1/20/2005	Surface	LDW RI Phase 2 Round 1	Windward 2005a
LDW-SS118	SS118	1/20/2005	Surface	LDW RI Phase 2 Round 1	Windward 2005a
LDW-SS119	SS119	1/19/2005	Surface	LDW RI Phase 2 Round 1	Windward 2005a
LDW-SS157	SS157	3/16/2005	Surface	LDW RI Phase 2 Round 2	Windward 2005b
LDW-SS158	SS158	3/16/2005	Surface	LDW RI Phase 2 Round 2	Windward 2005b
LDW-SS159	SS159	3/16/2005	Surface	LDW RI Phase 2 Round 2	Windward 2005b
LDW-SS338	SS338	10/3/2006	Surface	LDW RI Phase 2 Round 3	Windward 2007b
Subsurface Sediment Samples					
DR220	786	9/23/1998	0 - 2 feet	EPA SI	Windward 2003a
DR220	786	9/23/1998	2 - 4 feet	EPA SI	Windward 2003a
LDW-SC50a	SC50a	2/24/2006	0 - 1 feet	LDW RI Phase 2 Subsurface	Windward 2007a
LDW-SC50a	SC50a	2/24/2006	1 - 2 feet	LDW RI Phase 2 Subsurface	Windward 2007a
LDW-SC50a	SC50a	2/24/2006	2 - 2.8 feet	LDW RI Phase 2 Subsurface	Windward 2007a
LDW-SC50a	SC50a	2/24/2006	2.8 - 4 feet	LDW RI Phase 2 Subsurface	Windward 2007a
LDW-SC51	SC51	2/22/2006	0 - 2 feet	LDW RI Phase 2 Subsurface	Windward 2007a
LDW-SC51	SC51	2/22/2006	2 - 3.8 feet	LDW RI Phase 2 Subsurface	Windward 2007a
LDW-SC51	SC51	2/22/2006	3.8 - 5.8 feet	LDW RI Phase 2 Subsurface	Windward 2007a

a - This sample was superseded by LDW-SS115; results for this sample are not included in Table 2.
b - This sample was superseded by LDW-SS119; results for this sample are not included in Table 2.

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Table 2
Chemicals above Screening Levels in Surface Sediment
Early Action Area 6

Source	Sample Date	Sample Location	Chemical	Conc'n (mg/kg DW)	TOC (%)	Conc'n (mg/kg OC)	SQS	CSL	Units	SQS Exceedance Factor	CSL Exceedance Factor
Metals and trace elements											
RI Phase 2 Round 1	**1/1/05**	**LDW-SS114**	**Arsenic**	**1,100**	**1.53**	**NA**	**57**	**93**	**mg/kg DW**	**19**	**11.8**
LDW RI Phase 2 Round 1	1/19/05	LDW-SS112	Arsenic	481	1.82	NA	57	93	mg/kg DW	8.4	5.2
Boeing Site Characterization	10/8/97	R22 (899)	Arsenic	80	1.40	NA	57	93	mg/kg DW	1.4	<1
PAHs											
Boeing Site Characterization	10/11/97	R23 (900)	Acenaphthene	0.39	1.70	23	16	57	mg/kg OC	1.4	<1
Boeing Site Characterization	10/11/97	R23 (900)	Benzo(a)anthracene	3.9	1.70	229	110	270	mg/kg OC	2.1	<1
Boeing Site Characterization	10/8/97	R22 (899)	Benzo(a)anthracene	2.1	1.40	150	110	270	mg/kg OC	1.4	<1
Boeing Site Characterization	10/11/97	R23 (900)	Benzo(a)pyrene	4.5	1.70	265	99	210	mg/kg OC	2.7	1.3
Boeing Site Characterization	10/8/97	R22 (899)	Benzo(a)pyrene	2.4	1.40	171	99	210	mg/kg OC	1.7	<1
Boeing Site Characterization	10/11/97	R23 (900)	Benzo(b)fluoranthene	4.6	1.70	271	230	450	mg/kg OC	1.2	<1
Boeing Site Characterization	10/11/97	R23 (900)	Benzo(g,h,i)perylene	3.1	1.70	182	31	78	mg/kg OC	5.9	2.3
Boeing Site Characterization	10/8/97	R22 (899)	Benzo(g,h,i)perylene	1.4	1.40	100	31	78	mg/kg OC	3.2	1.3
Boeing Site Characterization	10/11/97	R23 (900)	Benzo(k)fluoranthene	4.2	1.70	247	230	450	mg/kg OC	1.1	<1
Boeing Site Characterization	10/11/97	R23 (900)	Benzofluoranthenes (total-calc'd)	8.8	1.70	518	230	450	mg/kg OC	2.3	1.2
Boeing Site Characterization	10/8/97	R22 (899)	Benzofluoranthenes (total-calc'd)	4.6	1.40	329	230	450	mg/kg OC	1.4	<1
Boeing Site Characterization	10/11/97	R23 (900)	Chrysene	5.3	1.70	312	100	460	mg/kg OC	3.1	<1
Boeing Site Characterization	10/8/97	R22 (899)	Chrysene	2.8	1.40	200	100	460	mg/kg OC	2.0	<1
LDW RI Phase 2 Round 1	1/25/05	LDW-SS115	Chrysene	2.5	1.92	130	100	460	mg/kg OC	1.3	<1
LDW RI Phase 2 Round 1	1/20/05	LDW-SS114	Chrysene	1.9	1.53	124	100	460	mg/kg OC	1.2	<1
Boeing Site Characterization	10/11/97	R23 (900)	Dibenzo(a,h)anthracene	1.2	1.70	71	12	33	mg/kg OC	5.9	2.1
Boeing Site Characterization	10/8/97	R22 (899)	Dibenzo(a,h)anthracene	0.51	1.40	36	12	33	mg/kg OC	3.0	1.1
Boeing Site Characterization	10/11/97	R23 (900)	Dibenzofuran	0.30	1.70	18	15	58	mg/kg OC	1.2	<1
Boeing Site Characterization	10/11/97	R23 (900)	Fluoranthene	11.0	1.70	647	160	1,200	mg/kg OC	4.0	<1
Boeing Site Characterization	10/8/97	R22 (899)	Fluoranthene	5.6	1.40	400	160	1,200	mg/kg OC	2.5	<1
LDW RI Phase 2 Round 1	1/25/05	LDW-SS115	Fluoranthene	5.2	1.92	271	160	1,200	mg/kg OC	1.7	<1
LDW RI Phase 2 Round 1	1/19/05	LDW-SS112	Fluoranthene	3.4	1.82	187	160	1,200	mg/kg OC	1.2	<1
LDW RI Phase 2 Round 1	1/20/05	LDW-SS114	Fluoranthene	3.1	1.53	203	160	1,200	mg/kg OC	1.3	<1
Boeing Site Characterization	10/11/97	R23 (900)	Fluorene	0.50	1.70	29	23	79	mg/kg OC	1.3	<1
Boeing Site Characterization	10/11/97	R23 (900)	Indeno(1,2,3-cd)pyrene	3.2	1.70	188	34	88	mg/kg OC	5.5	2.1
Boeing Site Characterization	10/8/97	R22 (899)	Indeno(1,2,3-cd)pyrene	1.5	1.40	107	34	88	mg/kg OC	3.2	1.2
LDW RI Phase 2 Round 1	1/20/05	LDW-SS114	Indeno(1,2,3-cd)pyrene	0.56	1.53	37	34	88	mg/kg OC	1.1	<1
Boeing Site Characterization	10/11/97	R23 (900)	Phenanthrene	6.6	1.70	388	100	480	mg/kg OC	3.9	<1
Boeing Site Characterization	10/8/97	R22 (899)	Phenanthrene	2.9	1.40	207	100	480	mg/kg OC	2.1	<1
LDW RI Phase 2 Round 1	1/25/05	LDW-SS115	Phenanthrene	2.4	1.92	125	100	480	mg/kg OC	1.3	<1
Boeing Site Characterization	10/11/97	R23 (900)	Total HPAH (calc'd)	50.6	1.70	2,976	960	5,300	mg/kg OC	3.1	<1
Boeing Site Characterization	10/8/97	R22 (899)	Total HPAH (calc'd)	25.7	1.40	1,836	960	5,300	mg/kg OC	1.9	<1
Boeing Site Characterization	10/11/97	R23 (900)	Total LPAH (calc'd)	8.6	1.70	507	370	780	mg/kg OC	1.4	<1

Table 2
Chemicals above Screening Levels in Surface Sediment
Early Action Area 6

Source	Sample Date	Sample Location	Chemical	Conc'n (mg/kg DW)	TOC (%)	Conc'n (mg/kg OC)	SQS	CSL	Units	SQS Exceedance Factor	CSL Exceedance Factor
Phthalates											
Boeing Site Characterization	10/11/97	R23 (900)	Bis(2-ethylhexyl)phthalate	1.4	1.70	82	47	78	mg/kg OC	1.8	1.1
LDW RI Phase 2 Round 1	1/20/05	LDW-SS114	Bis(2-ethylhexyl)phthalate	1.2	1.53	78	47	78	mg/kg OC	1.7	<1
Boeing Site Characterization	10/9/97	R31 (909)	Bis(2-ethylhexyl)phthalate	0.72	1.20	60	47	78	mg/kg OC	1.3	<1
Boeing Site Characterization	10/9/97	R31 (909)	Butyl benzyl phthalate	0.22	1.20	18	5	64	mg/kg OC	3.7	<1
LDW RI Phase 2 Round 1	1/19/05	LDW-SS112	Butyl benzyl phthalate	0.22	1.82	12	5	64	mg/kg OC	2.5	<1
Boeing Site Characterization	10/11/97	R23 (900)	Butyl benzyl phthalate	0.20	1.70	12	5	64	mg/kg OC	2.4	<1
LDW RI Phase 2 Round 2	3/16/05	LDW-SS157	Butyl benzyl phthalate	0.20	3.10	6.5	5	64	mg/kg OC	1.3	<1
LDW RI Phase 2 Round 1	1/19/05	LDW-SS119	Butyl benzyl phthalate	0.14	1.50	9.3	5	64	mg/kg OC	1.9	<1
Boeing Site Characterization	10/9/97	R26 (903)	Butyl benzyl phthalate	0.11 J	1.10	10	5	64	mg/kg OC	2.0	<1
Boeing Site Characterization	10/11/97	R27 (904)	Butyl benzyl phthalate	0.091 J	1.50	6.1	5	64	mg/kg OC	1.2	<1
Other SVOCs											
LDW RI Phase 2 Round 2	3/16/05	LDW-SS157	Benzoic acid	0.77	3.10	NA	650	650	ug/kg DW	1.2	1.2
PCBs											
LDW RI Phase 2 Round 1	1/19/05	LDW-SS119	PCBs (total calc'd)	0.88 J	1.50	59	12	65	mg/kg OC	4.9	<1
LDW RI Phase 2 Round 1	1/20/05	LDW-SS114	PCBs (total calc'd)	0.82	1.53	54	12	65	mg/kg OC	4.5	<1
LDW RI Phase 2 Round 1	1/19/05	LDW-SS112	PCBs (total calc'd)	0.47	1.82	26	12	65	mg/kg OC	2.2	<1
LDW RI Phase 2 Round 2	3/16/05	LDW-SS158	PCBs (total calc'd)	0.39 J	1.96	20	12	65	mg/kg OC	1.7	<1
Boeing Site Characterization	10/11/97	R23 (900)	PCBs (total-calc'd)	0.87	1.70	51	12	65	mg/kg OC	4.3	<1
NOAA Site Char.	9/25/97	EST147 (142)	PCBs (total-calc'd)	0.69	1.30	53	12	65	mg/kg OC	4.4	<1
NOAA Site Char.	11/12/97	EST148 (143)	PCBs (total-calc'd)	0.67	2.23	30	12	65	mg/kg OC	2.5	<1
NOAA Site Char.	9/25/97	EST143 (138)	PCBs (total-calc'd)	0.39	1.38	28	12	65	mg/kg OC	2.4	<1
Boeing Site Characterization	10/11/97	R27 (904)	PCBs (total-calc'd)	0.34	1.50	23	12	65	mg/kg OC	1.9	<1
NOAA Site Char.	11/13/97	EST161 (154)	PCBs (total-calc'd)	0.16	0.85	19	12	65	mg/kg OC	1.6	<1
NOAA Site Char.	9/25/97	EST162 (155)	PCBs (total-calc'd)	0.23	1.46	16	12	65	mg/kg OC	1.3	<1
Boeing Site Characterization	10/8/97	R22 (899)	PCBs (total-calc'd)	0.18	1.40	13	12	65	mg/kg OC	1.1	<1
NOAA Site Char.	9/26/97	EIT060 (70)	PCBs (total-calc'd)	0.17	0.88	19	12	65	mg/kg OC	1.6	<1
Boeing Site Characterization	10/9/97	R26 (903)	PCBs (total-calc'd)	0.16	1.10	15	12	65	mg/kg OC	1.2	<1

DW - Dry weight
TOC - Total organic carbon
OC - Organic carbon normalized
SQS - Sediment Quality Standard
CSL - Cleanup Screening Level

NA - Not applicable
PAH - Polynuclear aromatic hydrocarbon
SVOC - Semivolatile organic compound
PCB - polychlorinated biphenyl

Exceedance factors are the ratio of the detected concentration to the CSL or SQS.
Chemicals with exceedance factors greater than 10 are shown in **Bold**

Table 3
Chemicals above Screening Levels in Subsurface Sediment
Early Action Area 6

Source	Sample Date	Sample Depth	Sample Location	Chemical	Conc'n (mg/kg DW)	TOC (%)	Conc'n (mg/kg OC)	SQS	CSL	Units	SQS Exceedance Factor	CSL Exceedance Factor
Metals and trace elements												
LDW RI Phase 2 Subsurface	**2/24/06**	**0-1**	**LDW-SC50a**	**Arsenic**	**707**	**0.63**	**NA**	**57**	**93**	**mg/kg DW**	**12**	7.6
LDW RI Phase 2 Subsurface	2/24/06	1-2	LDW-SC50a	Arsenic	281	0.82	NA	57	93	mg/kg DW	4.9	3.0
LDW RI Phase 2 Subsurface	2/24/06	2-2.8	LDW-SC50a	Arsenic	161	1.18	NA	57	93	mg/kg DW	2.8	1.7
PAHs												
LDW RI Phase 2 Subsurface	2/22/06	0-2	LDW-SC51	Acenaphthene	0.38	1.47	26	16	57	mg/kg OC	1.6	<1
LDW RI Phase 2 Subsurface	2/22/06	0-0.5	LDW-SC51	Acenaphthene	0.35	1.61	22	16	57	mg/kg OC	1.4	<1
LDW RI Phase 2 Subsurface	2/22/06	1-1.5	LDW-SC51	Acenaphthene	0.25	0.47	53	16	57	mg/kg OC	3.3	<1
LDW RI Phase 2 Subsurface	2/22/06	0-0.5	LDW-SC51	Benzo(g,h,i)perylene	0.59	1.61	37	31	78	mg/kg OC	1.2	<1
LDW RI Phase 2 Subsurface	2/22/06	0-0.5	LDW-SC51	Chrysene	1.9	1.61	118	100	460	m/gkg OC	1.2	<1
LDW RI Phase 2 Subsurface	2/22/06	0-0.5	LDW-SC51	Fluoranthene	4.0	1.61	248	160	1,200	mg/kg OC	1.6	<1
LDW RI Phase 2 Subsurface	2/22/06	0-0.5	LDW-SC51	Indeno(1,2,3-cd)pyrene	0.69	1.61	43	34	88	mg/kg OC	1.3	<1
LDW RI Phase 2 Subsurface	2/22/06	0-0.5	LDW-SC51	Phenanthrene	2.3	1.61	143	100	480	mg/kg OC	1.4	<1
Phthalates												
LDW RI Phase 2 Subsurface	2/22/06	0.5-1	LDW-SC51	Bis(2-ethylhexyl)phthalate	1.8	1.64	110	47	78	mg/kg OC	2.3	1.4
LDW RI Phase 2 Subsurface	2/22/06	0-0.5	LDW-SC51	Bis(2-ethylhexyl)phthalate	0.97	1.61	60	47	78	mg/kg OC	1.3	<1
LDW RI Phase 2 Subsurface	2/24/06	0-1	LDW-SC50a	Bis(2-ethylhexyl)phthalate	0.68	0.63	108	47	78	mg/kg OC	2.3	1.4
Other SVOCs												
LDW RI Phase 2 Subsurface	2/22/06	0-0.5	LDW-SC51	Benzyl alcohol	0.18	1.61		57	73	ug/kg DW	3.2	2.5
LDW RI Phase 2 Subsurface	2/22/06	1-1.5	LDW-SC51	Dibenzofuran	0.13	0.47	27	15	58	mg/kg OC	1.8	<1
PCBs												
LDW RI Phase 2 Subsurface	2/22/06	0-2	LDW-SC51	PCBs (total calc'd)	1.3	1.47	88	12	65	mg/kg OC	7.3	1.4
LDW RI Phase 2 Subsurface	2/24/06	1-2	LDW-SC50a	PCBs (total calc'd)	0.78	0.82	96	12	65	mg/kg OC	8.0	1.5
LDW RI Phase 2 Subsurface	2/22/06	2-3.8	LDW-SC51	PCBs (total calc'd)	0.70	1.73	40	12	65	mg/kg OC	3.4	<1
LDW RI Phase 2 Subsurface	2/24/06	0-1	LDW-SC50a	PCBs (total calc'd)	0.51	0.63	81	12	65	mg/kg OC	6.7	1.2
EPA SI	9/23/98	0-2	DR220 (786)	PCBs (total-calc'd)	0.83	2.42	34	12	65	mg/kg OC	2.9	<1

DW - Dry weight
TOC - Total organic carbon
OC - Organic carbon normalized
SQS - Sediment Quality Standard
CSL - Cleanup Screening Level

NA - Not applicable
PAH - Polynuclear aromatic hydrocarbon
SVOC - Semivolatile organic compound
PCB - polychlorinated biphenyl

Exceedance factors are the ratio of the detected concentration to the CSL or SQS.
Chemicals with exceedance factors greater than 10 are shown in **Bold**

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Table 4
CSO/EOF Discharges to the Lower Duwamish Waterway

Outfall	Type (Owner)	Discharge Serial Number	Location	Average Overflow Frequency (events/year) 1999 to 2005	Annual average volume (mgy) 1999 to 2005
Diagonal Avenue S.[1]	CSO (SPU/King County) SD (SPU)	NA	RM 0.5 E	20.1	15.8[2]
Hanford No. 1[3]	CSO (King County)	031	RM 0.5 E	5.5	10.4
Duwamish pump station East	CSO (King County)	035	RM 0.5 E	0.2	0.67
Duwamish pump station West	CSO (King County)	034	RM 0.5 W	1.0	0.58
S. Brandon Street	CSO (King County)	041	RM 1.1 E	26.3	31.0
Terminal 115	CSO (King County)	038	RM 1.9 W	2.0	3.17
S. Brighton Street	CSO (SPU) SD (SPU)	NA	RM 2.1 E	NA[7]	NA
King County Airport SD#3/PS44 EOF[4]	SD (King County) EOF (SPU)	NA	RM 2.8 E	NA	NA
E. Marginal Way S. pump station	EOF (King County)	043	RM 2.8 E	None recorded	NA
8th Avenue S.	CSO (King County)	040	RM 2.8 W	0	0
King County Airport SD#2/PS78 EOF[5]	SD (King County) EOF (SPU)	NA	RM 3.8 E	NA	NA
Michigan	CSO (King County)	039	RM 1.9 E	8.1	19.0
W. Michigan	CSO (King County)	042	RM 2.0 W	3.6	0.98
Norfolk	CSO (King County) SD (King County) EOF (SPU)[6]	044	RM 4.8 E	1.1	0.28

1 - The Diagonal Avenue S. SD outfall is shared by stormwater and seven separate overflow points, including the City's Diagonal CSOs and the County's Hanford No. 1 CSO. The overflow frequency and volume listed are for the Diagonal CSOs only.
2 - This average volume does not include the contribution from King County's Hanford No. 1 CSO, but does include the remaining seven overflow points that discharge through the Diagonal Avenue S. CSO/SD.
3 - Hanford No. 1 discharges to the LDW through the Diagonal Avenue S. SD.
4 – SPU Pump Station 44 discharges via EOF No. 117 to King County Airport SD#3 at Slip 4.
5 – SPU Pump Station 78 discharges via EOF No. 156 to King County Airport SD#2, near Boeing Isaacson.
6 – SPU Pump Station 17 discharges to the Norfolk CSO/SD.
7 – Has not overflowed since monitoring began in March 2000.
NA – Not available

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Table 5
Arsenic Concentrations in Groundwater
Boeing Isaacson and Boeing Thompson

Source	Sample Date	Dissolved Arsenic Conc'n in Groundwater (ug/L)								
		I-200 (Upgradient)	I-104 (Isaacson)	I-203 (Isaacson)	PZ-7 (Isaacson)	I-205 (Thompson)	PZ-8 (Thompson)	I-206 (Thompson)	Freshwater AWQC (2)	GW-to-Sediment Screening Level (3)
Landau 1988a	Feb-88	10	12	60	NA	30	NA	**1,700**	190	370
Landau 2008	Sep-91	NA	NA	NA	NA	129	NA	**1,790**	190	370
Landau 2008	Oct-91	NA	NA	NA	NA	126	NA	**1,610**	190	370
Landau 2008	Apr-92	NA	NA	NA	NA	7	NA	**1,770**	190	370
Landau 2008	May-92	NA	NA	NA	NA	<1	NA	**1,600**	190	370
Landau 2008	Sep-92	NA	NA	NA	NA	57	NA	**1,680 J**	190	370
Landau 2008	Oct-92	NA	NA	NA	NA	9	NA	**1,700**	190	370
Landau 2008	Apr-93	NA	NA	NA	NA	56	NA	**1,710**	190	370
Landau 2008	Oct-93	NA	NA	NA	NA	19	NA	**1,810**	190	370
Landau 2008	Nov-93	NA	NA	NA	NA	**310**	NA	**1,510**	190	370
Landau 2008	Apr-94	NA	NA	NA	NA	7	NA	**1,480**	190	370
Landau 2008	May-94	NA	NA	NA	NA	1	NA	**1,430**	190	370
Landau 2008	Dec-95	NA	NA	NA	NA	**640**	NA	**2,000**	190	370
Landau 2008	Apr-96	NA	NA	NA	NA	**320**	NA	**1,800**	190	370
ERM 2000a	1991-1996 (1)	1	81	180	NA	**300**	NA	**1,670**	190	370
ERM 2000a	Dec-99	2	160	150	NA	10	NA	**1,600**	190	370
ERM 2000d	Aug-00	3	**1,600**	**1,200**	9	27	2	**1,100**	190	370
ERM 2000d	Oct-00	2.7	**810**	98	NA	112	2.8	**1,350**	190	370
Ecology 2007d	Mar-06	NS	NS	NS	NA	<50	NA	**610**	190	370
Ecology 2007d	Aug-06	NS	NS	NS	NA	10.2 (4)	NA	181 (4)	190	370
McCrone 2008	Sep-07	0.9	**3,600**	140	NA	<50 / 28 (5)	<50 / 5 (5)	**720**	190	370

(1) Represents a 95% upper confidence limit of groundwater arsenic concentrations from 1991 through 1996
(2) Chronic freshwater AWQC for protection of aquatic life for trivalent arsenic
(3) Groundwater-to-sediment screening level, based on sediment CSLs. From: SAIC 2006
(4) Sample was analyzed for total arsenic
(5) Sample was analyzed by Methods 6010B and 200.8

Concentration above screening level
Note: If multiple samples were collected from a sampling location in a given month, the highest detected concentration is reported.
NA - Not available or not analyzed
NS - Not sampled

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Table 6
KCIA Tenants - Slip 5 Drainage Basin

Facility Name	Address	Facility/Site ID No.	EPA ID No.	NPDES Permit No.	UST/LUST ID No.	Listed in CSCSL?	Most Recent Inspection Date	In Compliance?
UPS Boeing Field	7500 Perimeter Rd. S.; 7575 Perimeter Rd. S.	15215836	WAD988521563	SO3000434	NA	No	1/11/2006 (Ecology)	No
Caliber Inspection, Inc.	7500 Perimeter Rd. S.	18182664	WAD000067686	NA	NA	No	5/31/2005 (SPU)	Yes
GSM, Inc.	7575 Perimeter Rd. S.	NA	NA	NA	NA	No	8/19/2004 (SPU)	Yes
Ameriflight, Inc.	7585 Perimeter Rd. S.	8137128	WAD988521324	SO3002830	NA	No	10/25/2006 (Ecology)	No
Federal Express Perimeter Rd.	7607 Perimeter Rd. S.	75575157	WAD988474698	NA	2392	No	None	Unknown
Hangar Holdings Inc.	7675 Perimeter Rd. S.	72811433	WA8690590007	NA	484990	Yes	10/8/2004 (SPU)	Yes
Western Metal Products Inc.	7696 Perimeter Rd. S.; 7800-7802 Perimeter Rd. S.	NA	NA	NA	NA	No	10/25/2006 (SPU)	Yes
Galvin Flying Services	7777 Perimeter Rd. S.	NA	NA	NA	NA	No	12/7/2004 (SPU)	Yes
Galvin Flying Services/Clay Lacy Aviation	7827 Perimeter Rd. S.	NA	NA	NA	NA	No	10/9/2001 (SPU)	Yes
Civil Air Patrol	7827 Perimeter Rd. S.	NA	NA	NA	NA	No	9/20/2004 (SPU)	Yes
MJL Partners	7827 Perimeter Rd. S.	NA	NA	NA	NA	No	12/7/2004 (SPU)	Yes
Nordstrom	7979 Perimeter Rd. S.	36699669	WAD981773583	NA	8045	No	10/29/2004 (SPU)	Yes
DHL Express (ABX Air)	8013-8075 Perimeter Rd. S.	7723743	NA	SO3004602	NA	No	5/4/2006 (Ecology)	No
Airwest Repair Services	8167 Perimeter Rd. S., 8187 Perimeter Rd. S.	NA	NA	NA	NA	No	8/5/2004 (SPU)	Yes
Puget Sound Aviators	8167 Perimeter Rd. S.	NA	NA	NA	NA	No	8/5/2004 (SPU)	Yes
CJ Systems Aviation Group	8167 Perimeter Rd. S.	NA	NA	NA	NA	No	12/8/2004 (SPU)	Yes
GBA (Gyroplanes of Seattle LLC)	8167 Perimeter Rd. S.	NA	NA	NA	NA	No	8/5/2004 (SPU)	Yes
BAX Global, Inc.	8201 Perimeter Rd. S.	NA	NA	NA	NA	No	3/6/2002 (SPU)	Yes
Clay Lacy Aviation	8285 Perimeter Rd. S.; 8403 Perimeter Rd. S.	6436627	WAD063351332	NA	8044	No	12/16/2004 (SPU)	Yes
Wings Aloft	8453-8525 Perimeter Rd. S.; 8467 Perimeter Rd. S.	NA	NA	NA	NA	No	9/13/2004 (SPU)	Yes

Table 6
KCIA Tenants - Slip 5 Drainage Basin

Facility Name	Address	Facility/Site ID No.	EPA ID No.	NPDES Permit No.	UST/LUST ID No.	Listed in CSCSL?	Most Recent Inspection Date	In Compliance?
Reed Aviation	8490 Perimeter Rd. S.	NA	NA	NA	NA	No	10/4/2004 (SPU)	Yes
Airtech Instrument Company	8490 Perimeter Rd. S.	NA	NA	NA	NA	No	9/24/2004 (SPU)	Yes
Cascade Air Frame	8500 Perimeter Rd. S.	NA	NA	NA	NA	No	11/2/2004 (SPU)	Yes
Helicopters Northwest	8500 Perimeter Rd. S.	NA	NA	NA	NA	No	9/29/2004 (SPU)	Yes
Washington Avionics, Inc.	8525 Perimeter Rd. S.	NA	NA	NA	NA	No	9/15/2004 (SPU)	Yes
Aeroflight National Charter Network	8535 Perimeter Rd. S.; 8555 Perimeter Rd. S.	7318944	NA	NA	447641	No	July 2005 (SPU)	Yes
Federal Drug Enforcement Administration	8700 East Marginal Way S.	NA	NA	NA	NA	No	7/29/2007 (SPU)	Yes
SSCC Aviation Department	8900 East Marginal Way S.	NA	NA	NA	NA	No	11/19/2004 (SPU)	Yes
Former Boeing Electronics Manufacturing Facility	7355 Airport Way S.	63879778	NA	NA	NA	Yes	NA	NA
ARFF - King County Sheriff's Offic	7300 Perimeter Rd. S.	NA	NA	NA	NA	No	9/24/2004 (SPU)	Yes
Midfield Airpark T-Hangars	NA	NA	NA	NA	NA	No	NA	Yes
Southwest T-Hangars	NA	NA	NA	NA	NA	No	NA	Yes
Pajaro LLC	8075 Perimeter Rd. S.	NA	NA	NA	NA	No	NA	NA

NA - Not Available or Not Applicable