Table 4. Slip 4 Inline Sediment Sample Results (organic carbon normalized).

	SQS	CSL	[illegible]	[illegible]	[illegible]	Slip 4 Storm Drains MH221A Central Int #1, d/s Boeing Field	MH229 North Int d/s Steamplt	[illegible]	MH229A Central Int #1, d/s runway	[illegible]	[illegible]
Date			2/16/05 S	2/16/05 B	2/16/05 S	2/16/05 B	2/16/05 S	2/16/05 B	2/16/05 S	2/16/05 B	8/11/05 S
TOC (percent)			6.11	6.6	1.09	1	1.11	0.761	4.34	3.88	0.739
Metals (mg/kg DW)											
As	57	93	20	20	20	12	9	8	30	30	10 U
Cu	390	390	88.9	102	126	38.5	64.1	46.1	69.7	85.5	61.2
Pb	450	530	134	142	94	50	51	110	120	156	207
Hg	0.41	0.59	0.2	0.2	0.09	0.09	[illegible]	0.7	0.07	0.07	0.05 U
Zn	410	960	377	[illegible]	[illegible]	332	208	272	[illegible]	1,130	186
LPAH (mg/kg OC)											
Acenaphthene	16	57	2 U	0.9 U	5 U	6 U	5 U	8 U	[illegible]	[illegible]	3 U
Acenaphthylene	66	66	2 U	0.9 U	5 U	6 U	5 U	8 U	2	6 U	3 U
Anthracene	220	1,200	2 U	0.9	5 U	7	6	8 U	19	31	3 U
Fluorene	23	79	2 U	1.0 U	6	7	5 U	8 U	20	[illegible]	3 U
Naphthalene	99	170	2 U	0.9 U	5 U	6 U	5 U	8 U	2	6 U	3
Phenanthrene	100	480	8	6.7	40	30	36	34	[illegible]	[illegible]	3 U
HPAH (mg/kg OC)											
Benzo(a)anthracene	110	270	5	6	30	28	31	37	48	77	3 U
Benzo(a)pyrene	99	210	5	7	43	40	30	39	48	88	4
Benzo (b+k)fluoranthene	230	450	13	18	102	111	72	100	97	[illegible]	7
Benzo(g,h,i)perylene	31	78	3	3	28	23	15	22	[illegible]	[illegible]	3 U
Chrysene	110	460	9	9	55	49	45	53	69	108	4
Dibenzo(a,h)anthracene	12	33	2 U	1 U	5 U	6 U	5 U	8 U	5	6 U	3 U
Fluoranthene	160	1,200	16	13	101	92	76	99	154	[illegible]	6
Indeno(1,2,3-c,d)pyrene	34	88	4	3	[illegible]	26	17	24	[illegible]	[illegible]	3 U
Pyrene	1,000	1,400	12	12	73	87	57	87	113	196	7
Phthalates (mg/kg OC)											
Bis(2-ethylhexyl)phthalate	47	78	25	30	[illegible]	[illegible]	39	[illegible]	30	[illegible]	24
Butylbenzylphthalate	4.9	64	2	1.3	5 U	6 U	5 U	8 U	1	6 U	3 U
Diethylphthalate	61	110	2 U	0.9 U	5 U	6 U	5 U	8 U	1 U	6 U	3 U
Dimethylphthalate	53	53	2 U	0.9 U	5 U	6 U	5 U	8 U	1 U	6 U	3 U
Di-n-butylphthalate	220	1,700	2 U	0.9 U	5 U	6 U	5 U	8 U	3	6 U	3 U
Di-n-octylphthalate	58	4,500	2 U	1.1	11	12	5	9	3	6	3 U
PCBs (mg/kg OC)											
Aroclor 1016			4 U	1.4 U	11 U	12 U	108 Y	125 U	0.4 U	3.6 U	3 U
Aroclor 1242			4 U	1.4 U	11 U	12 U	65 Y	125 U	0.4 U	3.6 U	3 U
Aroclor 1248			4 U	1.4 U	11 U	12 U	216 Y	250 U	0.4 U	3.6 U	3 U
Aroclor 1254			16	24	54	96	2,793	920	3	95	3 U
Aroclor 1260			13 P	6 P	38	53	342 Y	125 U	4 P	49	3 U
Aroclor 1221			4 U	1.4 U	11 U	12 U	42 U	63 U	0.4 U	3.6 U	3 U
Aroclor 1232			4 U	1.4 U	11 U	12 U	126 Y	184 U	0.4 U	3.6 U	3 U
Total PCBs	12	52	[illegible] P	[illegible] P	92	149	2,793	920	7 P	144	3 U
TPH (mg/kg)											
Diesel		2,000a	88	40	120	120	120	47	110	200	120 U
Motor Oil		2,000a	380	190	270	210	680	190	380	1,000	290

a = MTCA Method A soil cleanup level for industrial use.
U = Chemical not detected at reported concentration
Y = Chemical not detected at the reported concentration. Reporting limit raised due to chromatographic interference.
P = Chemical detected on both chromatographic columns, but values differ by >40% RPD with no obvious interference.
Exceeds SQS
Exceeds CSL or MTCA Method A soil cleanup level for industrial use.

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Table 4 (cont'd). Slip 4 Inline Sediment Sample Results (organic carbon normalized).

	SQS	CSL	Georgetown Flume Samples										
			T1 Flume 15' d/s of box culvert	T2 Flume at S Myrtle St	T5 Flume at S Myrtle St	T3 Flume upstream of S Willow St	T4 Head of flume	T6 MH100 u/s of E Marginal Wy S	P1 Flume off of 8" plugged pipe	P2 Flume off of 8" pipe near S Willow St	P3 Flume off of 16" plugged pipe	P4 Flume off of 8" pipe at S Myrtle St	P5 Ditch at S Myrtle St
Date			3/24/05 S	3/24/05 S	3/24/05 S	3/25/05 S	3/24/05 S	3/25/05 S	3/25/05 S	3/25/05 S	3/25/05 S	3/24/05 S	3/24/05 S
TOC (percent)			3.92	1.43	1.17	2.25	8.71	2.68	0.711	2.47	5.27	0.773	6.86
Metals (mg/kg DW)													
As	57	93	11	7 U	7 U	7 U	40	7 U	7 U	13	20	6 U	10
Cu	390	390	63.2	18.5	20.2	54.6	314 J	79.6	18	56.6	133	12.8	95.1
Pb	450	530	99	14	15	263	590 J	61	16	69	[redacted]	10	73
Hg	0.41	0.59	0.1	0.05 U	0.05 U	0.41	1.7	0.08	0.05 U	0.18	1	0.06 U	0.08
Zn	410	960	218	53.8	61.3	180	1,130	240	60.8	238	[redacted]	52.7	195
LPAH (mg/kg OC)													
Acenaphthene	16	57	7	1 U	2	[redacted]	8	3	3 U	2 U	2 U	2 U	23 U
Acenaphthylene	66	66	4	1 U	2	10	31	1 J	4	4	2 U	2	23 U
Anthracene	220	1,200	16	4	8	26	29	8	14	11	2	9	23 U
Fluorene	23	79	6	1 U	2 U	[redacted]	22	2	3 U	2 J	2 U	2 U	23 U
Naphthalene	99	170	8	1 U	2 U	4	28	2 U	3 U	2 U	2 U	2 U	23 U
Phenanthrene	100	480	[redacted]	3	6	[redacted]	[redacted]	28	14	10	10	18	23 U
HPAH (mg/kg OC)													
Benzo(a)anthracene	110	270	33	7	13	62	91	19	21	15	7	9	23 U
Benzo(a)pyrene	99	210	33	17	26	22	99	21	18	12	9	11	23 U
Benzo (b+k)fluoranthene	230	450	82	36	55	82	[redacted]	53	52	43	22	31	47 U
Benzo(g,h,i)perylene	31	78	15	6	11	9	29	8	7	5	4	4	23 U
Chrysene	110	460	59	11	18	67	96	28	32	26	10	21	12 J
Dibenzo(a,h)anthracene	12	33	6	2	4	2 J	11	2 J	3 U	1 J	2 U	2 U	23 U
Fluoranthene	160	1,200	[redacted]	14	22	[redacted]	[redacted]	60	75	49	21	63	15
Indeno(1,2,3-c,d)pyrene	34	88	17	6	10	10	34	8	8	5	4	4	23 U
Pyrene	1,000	1,400	82	9	15	147	161	45	42	34	18	30	17
Phthalates (mg/kg OC)													
Bis(2-ethylhexyl)phthalate	47	78	[redacted]	10	12	26	2	[redacted]	17	23	40	18	[redacted]
Butylbenzylphthalate	4.9	64	3	1 U	2 U	3 U	2 U	4	3 U	2 U	3	2 U	23 U
Diethylphthalate	61	110	2 U	1 U	2 U	3 U	2 U	2 U	3 U	2 U	2 U	2 U	23 U
Dimethylphthalate	53	53	2 U	1 U	2 U	3 U	2 U	2 U	3 U	2 U	2 U	2 U	23 U
Di-n-butylphthalate	220	1,700	2	1 U	2 U	3	2 U	2 U	3	3	3	2 U	23 U
Di-n-octylphthalate	58	4,500	2 U	1 U	2 U	3 U	2 U	2	3 U	9	3	2 U	23 U
PCBs (mg/kg OC)													
Aroclor 1016			2 U	1 U	0 U	124 U	3 U	1 U	2 U	3 U	493 U	1 U	3 U
Aroclor 1242			2 U	1 U	0 U	124 U	3 U	1 U	2 U	3 U	493 U	1 U	3 U
Aroclor 1248			2 U	1	1 J	124 U	17 J	3 U	4	9	493 U	1	3 U
Aroclor 1254			5	2 J	2 J	173	20	9	8 J	18	1,746	2 J	7 U
Aroclor 1260			4	2	2	124 U	6	6	5	5	493 U	2	22
Aroclor 1221			2 U	1 U	0 U	124 U	3 U	1 U	2 U	3 U	493 U	1 U	3 U
Aroclor 1232			2 U	1 U	0 U	124 U	3 U	1 U	2 U	3 U	493 U	1 U	3 U
Total PCBs	12	52	8	5	6	173	[redacted]	[redacted]	[redacted]	[redacted]	1,746	5	[redacted]
TPH (mg/kg)													
Diesel		2,000a	36	21	19	84	2,300	120	14	63	250	8.9	1,600
Motor Oil		2,000a	140	99	70	460	9,700	670	66	360	1,100	61	3,000

S = Seattle field split
B = Boeing field split

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