TABLE 1
STORM DRAIN MANHOLE SOLIDS AND SEDIMENT TRAP ANALYTICAL DATA
NORTH BOEING FIELD

SPU Sample ID:		SL4-T5A	SL4-T5A	SL4-T5A	SL4-T4	SL4-T4	SL4-T4	SL4-T4	SL4-T4A	SL4-T4A
Boeing Manhole No.:	MH100	MH178	MH178	MH178	MH221A	MH221A	MH221A	MH221A	MH229A	MH229A
Lab ID:	HS89A	IK38E	JE01G	KA63F	HS89B	IK38B	JE01D	KA63B	HS89D	IK38D
Sample Type:	Grab	Sed. Trap	Sed. Trap	Sed. Trap	Grab	Sed. Trap	Sed. Trap	Sed. Trap	Grab	Sed. Trap
Date Deployed:		3/8/2005	8/11/2005	3/16/2006		3/8/2005	8/11/2005	3/16/2006		3/8/2005
Date Collected:	2/16/2005	8/11/2005	3/16/2006	10/11/2006	2/16/2005	8/11/2005	3/16/2006	10/11/2006	2/16/2005	8/11/2005
TOTAL METALS (mg/kg-dry)				SQS CSL						
Method 6000-7000 series)										
Arsenic	20	14	20	20	12	NA	20	70	30	16
Copper	102	113	541	818	38.5	NA	134	271	85.5	94.3
Lead	142	962	233	381	50	NA	190	330	155	144
Mercury	0.2	0.86	0.27	0.4	0.09	NA	0.4	0.6	0.07	0.19
Zinc	411	220	597	945	332	NA	733	2,460	1,130	460
NWTPH-Dx (mg/kg)										
Diesel Range Hydrocarbons	40	160	1,400	660	120	NA	580	NA	200	100
Motor Oil	190	570	7,500	4,800	210	NA	1,800	NA	1,100	410
PCBs (µg/kg)										
(PSDDA PCB)										
Aroclor 1016	95 U	9.6 U	100 U	100 U	120 U	9.8 U	95 U	94 U	140 U	9.8 U
Aroclor 1242	95 U	9.6 U	100 U	100 U	120 U	9.8 U	95 U	120 U	140 U	9.8 U
Aroclor 1248	95 U	9.6 U	100 U	100 U	120 U	9.8 U	100 U	140 U	140 U	9.8 U
Aroclor 1254	1,600	72	320	430	960	1,900 P	750	580	3,700	290 P
Aroclor 1260	380 P	34	330	170	530	850	340	360	1,900	160
Aroclor 1221	95 U	9.6 U	100 U	100 U	120 U	9.8 U	95 U	23 U	140 U	9.8 U
Aroclor 1232	95 U	9.6 U	100 U	100 U	120 U	9.8 U	95 U	94 U	140 U	9.8 U
SEMIVOLATILES (µg/kg-dry)										
(PSDDA SW8270D)										
Phenol	59 U	110 U	680 U	380 U	58 U	220	550 U	NA	220 U	160 U
Bis-(2-Chloroethyl) Ether	59 U	110 U	680 U	NA	58 U	210 U	550 U	NA	220 U	160 U
2-Chlorophenol	59 U	110 U	680 U	NA	58 U	210 U	550 U	NA	220 U	160 U
1,3-Dichlorobenzene	59 U	110 U	680 U	380 U	58 U	210 U	550 U	NA	220 U	160 U
1,4-Dichlorobenzene	59 U	110 U	680 U	380 U	58 U	210 U	550 U	NA	220 U	160 U
Benzyl Alcohol	59 U	110 U	680 U	380 U	58 U	210 U	550 U	NA	220 U	160 U
1,2-Dichlorobenzene	59 U	110 U	680 U	380 U	58 U	210 U	550 U	NA	220 U	160 U
2-Methylphenol	59 U	110 U	680 U	380 U	58 U	240	550 U	NA	220 U	160 U
2,2'-Oxybis(1-Chloropropane)	59 U	110 U	680 U	NA	58 U	210 U	550 U	NA	220 U	160 U
4-Methylphenol	59 U	410	830	530	58 U	210 U	550 U	NA	220 U	160 U
N-Nitroso-Di-N-Propylamine	300 U	560 U	3,400 U	NA	290 U	1,000 U	2800 U	NA	1,100 U	790 U
Hexachloroethane	59 U	110 U	680 U	380 U	58 U	210 U	550 U	NA	220 U	160 U
Nitrobenzene	59 U	110 U	680 U	NA	58 U	210 U	550 U	NA	220 U	160 U

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TABLE 1
STORM DRAIN MANHOLE SOLIDS AND SEDIMENT TRAP ANALYTICAL DATA
NORTH BOEING FIELD

SPU Sample ID:		SL4-T5A	SL4-T5A	SL4-T5A	SL4-T4	SL4-T4	SL4-T4	SL4-T4	SL4-T4A	SL4-T4A
Boeing Manhole No.:	MH100	MH178	MH178	MH178	MH221A	MH221A	MH221A	MH221A	MH229A	MH229A
Lab ID:	HS89A	IK38E	JE01G	KA63F	HS89B	IK38B	JE01D	KA63B	HS89D	IK38D
Sample Type:	Grab	Sed. Trap	Sed. Trap	Sed. Trap	Grab	Sed. Trap	Sed. Trap	Sed. Trap	Grab	Sed. Trap
Date Deployed:		3/8/2005	8/11/2005	3/16/2006		3/8/2005	8/11/2005	3/16/2006		3/8/2005
Date Collected:	2/16/2005	8/11/2005	3/16/2006	10/11/2006	2/16/2005	8/11/2005	3/16/2006	10/11/2006	2/16/2005	8/11/2005
Isophorone	59 U	110 U	680 U	NA	58 U	210 U	550 U	NA	220 U	160 U
2-Nitrophenol	300 U	560 U	3,400 U	NA	290 U	1,000 U	2,800 U	NA	1,100 U	790 U
2,4-Dimethylphenol	59 U	110 U	680 U	380 U	58 U	210 U	550 U	NA	220 U	160 U
Benzoic Acid	590 U	1,100 U	6,800 U	3,800 U	580 U	2,100 U	5,500 U	NA	2,200 U	1,600 U
bis(2-Chloroethoxy) Methane	59 U	110 U	680 U	NA	58 U	210 U	550 U	NA	220 U	160 U
2,4-Dichlorophenol	300 U	560 U	3,400 U	NA	290 U	1,000 U	2,800 U	NA	1,100 U	790 U
1,2,4-Trichlorobenzene	59 U	110 U	680 U	380 U	58 U	210 U	550 U	NA	220 U	160 U
Naphthalene	59 U	110 U	680 U	380 U	58 U	670	550 U	NA	220 U	160 U
4-Chloroaniline	300 U	560 U	3,400 U	NA	290 U	1,000 U	2,800 U	NA	1,100 U	790 U
Hexachlorobutadiene	59 U	110 U	680 U	380 U	58 U	210 U	550 U	NA	220 U	160 U
4-Chloro-3-methylphenol	300 U	560 U	3,400 U	NA	290 U	1,000 U	2,800 U	NA	1,100 U	790 U
2-Methylnaphthalene	59 U	110 U	680 U	380 U	58 U	4,000	550 U	NA	660	160 U
Hexachlorocyclopentadiene	300 U	560 U	3,400 U	NA	290 U	1,000 U	2,800 U	NA	1,100 U	790 U
2,4,6-Trichlorophenol	300 U	560 U	3,400 U	NA	290 U	1,000 U	2,800 U	NA	1,100 U	790 U
2,4,5-Trichlorophenol	300 U	560 U	3,400 U	NA	290 U	1,000 U	2,800 U	NA	1,100 U	790 U
2-Chloronaphthalene	59 U	110 U	680 U	NA	58 U	210 U	550 U	NA	220 U	160 U
2-Nitroaniline	300 U	560 U	3,400 U	NA	290 U	1,000 U	2,800 U	NA	1,100 U	790 U
Dimethylphthalate	59 U	110 U	680 U	380 U	58 U	210 U	550 U	NA	220 U	160 U
Acenaphthylene	59 U	110 U	680 U	380 U	58 U	210 U	550 U	NA	220 U	160 U
3-Nitroaniline	300 U	560 U	3,400 U	NA	290 U	1,000 U	2,800 U	NA	1,100 U	790 U
Acenaphthene	59 U	110 U	680 U	380 U	58 U	1,300	550 U	NA	930	160 U
2,4-Dinitrophenol	590 U	1,100 U	6,800 U	NA	580 U	2,100 U	5,500 U	NA	2,200 U	1,600 U
4-Nitrophenol	300 U	560 U	3,400 U	NA	290 U	1,000 U	2,800 U	NA	1,100 U	790 U
Dibenzofuran	59 U	110 U	680 U	380 U	58 U	740	550 U	NA	560	160 U
2,6-Dinitrotoluene	300 U	560 U	3,400 U	NA	290 U	1,000 U	2,800 U	NA	1,100 U	790 U
2,4-Dinitrotoluene	300 U	560 U	3,400 U	NA	290 U	1,000 U	2,800 U	NA	1,100 U	790 U
Diethylphthalate	59 U	110 U	680 U	380 U	58 U	210 U	550 U	NA	220 U	160 U
4-Chlorophenyl-phenylether	59 U	110 U	680 U	NA	58 U	210 U	550 U	NA	220 U	160 U
Fluorene	59 U	110 U	680 U	380 U	73	1,000	550 U	NA	1,100	160 U
4-Nitroaniline	300 U	560 U	3,400 U	NA	290 U	1,000 U	2,800 U	NA	1,100 U	790 U
4,6-Dinitro-2-Methylphenol	590 U	1,100 U	6,800 U	NA	580 U	2,100 U	5,500 U	NA	2,200 U	1,600 U
N-Nitrosodiphenylamine	59 U	110 U	680 U	380 U	58 U	210 U	550 U	NA	220 U	160 U
4-Bromophenyl-phenylether	59 U	110 U	680 U	NA	58 U	210 U	550 U	NA	220 U	160 U
Hexachlorobenzene	59 U	110 U	680 U	380 U	58 U	210 U	550 U	NA	220 U	160 U
Pentachlorophenol	300 U	560 U	3,400 U	1,900 U	290 U	1,000 U	2,800 U	NA	1,100 U	790 U
Phenanthrene	250	1,300	4,600	2,900	300	8,600	2,800	NA	8,900	1,700
Carbazole	110	260	1,400	NA	58 U	1,000	570	NA	1,500	370

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TABLE 1
STORM DRAIN MANHOLE SOLIDS AND SEDIMENT TRAP ANALYTICAL DATA
NORTH BOEING FIELD

SPU Sample ID:		SL4-T5A	SL4-T5A	SL4-T5A	SL4-T4	SL4-T4	SL4-T4	SL4-T4	SL4-T4A	SL4-T4A
Boeing Mannole No.:	MH100	MH178	MH178	MH178	MH221A	MH221A	MH221A	MH221A	MH229A	MH229A
Lab ID:	HS89A	IK38E	JE01G	KA63F	HS89B	IK38B	JE01D	KA63B	HS89D	IK38D
Sample Type:	Grab	Sed. Trap	Sed. Trap	Sed. Trap	Grab	Sed. Trap	Sed. Trap	Sed. Trap	Grab	Sed. Trap
Date Deployed:		3/8/2005	8/11/2005	3/16/2006		3/8/2005	8/11/2005	3/16/2006		3/8/2005
Date Collected:	2/16/2005	8/11/2005	3/16/2006	10/11/2006	2/16/2005	8/11/2005	3/16/2006	10/11/2006	2/16/2005	8/11/2005
Anthracene	140	150	680 U	380 U	71	1,500	550 U	NA	1,200	180
Di-n-Butylphthalate	59 U	150	680 U	730	58 U	260	550 U	NA	220 U	350
Fluoranthene	880	2,400	13,000	6,900	920	8,900	6,100	NA	11,000	3,100
Pyrene	810	1,700	6,000	5,200	870	6,800	3,500	NA	7,600	2,100
Butylbenzylphthalate	86	110 U	680 U	580	58 U	210 U	550 U	NA	220 U	160 U
3,3'-Dichlorobenzidine	300 U	560 U	3,400 U	NA	290 U	1,000 U	2,800 U	NA	1,100 U	790 U
Benzo(a)anthracene	380	840	3,200	2,000	280	3,000	1,600	NA	3,000	860
bis(2-Ethylhexyl)phthalate	2,000	1,800	10,000	10,000	760	6,000	7,400	NA	2,200	2,600
Chrysene	620	1,200	6,300	4,400	490	4,100	3,100	NA	4,200	1,700
Di-n-Octyl phthalate	71	220	2,500	4,800	120	3,700	6,900	NA	240	4,300
Benzo(b)fluoranthene	760	1,600	7,400	4,200	710	4,600	2,800	NA	5,400	2,100
Benzo(k)fluoranthene	460	800	4,300	3,500	400	2,600	2,200	NA	3,600	1,300
Benzo(a)pyrene	480	1,100	4,500	3,000	400	3,400	2,000	NA	3,400	1,400
Indeno(1,2,3-cd)pyrene	180	520	2,200	2,000	260	1,900	1,000	NA	1,500	780
Dibenz(a,h)anthracene	59 U	110 U	680 U	640	58 U	730	550 U	NA	220 U	160 U
Benzo(g,h,i)perylene	200	450	2,100	2,000	230	1,600	990	NA	1,300	710
CONVENTIONAL PARAMETERS (%)										
Total Solids (EPA 160.3) (%)	38.80	NA	50.80 J	39.20	75.70	NA	41.60 J	16.2	56.60	47.30 J
Total Organic Carbon (Plumb, 1981) (%)	6.60	NA	7.62	7.68	1.00	NA	5.41	NA	3.88	5.35

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TABLE 1
STORM DRAIN MANHOLE SOLIDS AND SEDIMENT TRAP ANALYTICAL DATA
NORTH BOEING FIELD

SPU Sample ID:	SL4-T4A	SL4-T4A	SL4-T5	SL4-T5	SL4-T5	SL4-T5	SL4-T1	SL4-T1	SL4-T1	SL4-T2
Boeing Manhole No.:	MH229A	MH229A	MH363	MH363	MH363	MH363	MH422	MH422	MH422	MH356
Lab ID:	JE01F	KA63G	HS89C	IK38C	JE01E	KA63C	IK38A	JE01B	KA63E	IK38F
Sample Type:	Sed. Trap	Sed. Trap	Grab	Sed. Trap	Sed. Trap	Sed. Trap	Sed. Trap	Sed. Trap	Sed. Trap	Sed. Trap
Date Deployed:	8/11/2005	3/16/2006		3/7/2005	8/11/2005	3/16/2006	3/7/2005	8/11/2005	3/16/2006	3/7/2005
Date Collected:	3/16/2006	10/11/2006	2/16/2005	8/11/2005	3/16/2006	10/11/2006	8/11/2005	3/16/2006	10/11/2006	8/11/2005
TOTAL METALS (mg/kg-dry)										
Method 6000-7000 series)										
Arsenic	13	20	8	21	20 U	40 U	11	10	30	NA
Copper	75.2	262	45.1	148	297	640	83.6	110	325	NA
Lead	116	414	110	109	184	310	140	97 J	216	NA
Mercury	0.10	0.3	0.7	1.12	2.02	2.9	1.10	0.93 J	8.3	NA
Zinc	337	1,220	272	553	717	1,370	358	435	1,140	NA
NWTPH-Dx (mg/kg)										
Diesel Range Hydrocarbons	180	NA	47	390	1,200	1,200	230	490	NA	NA
Motor Oil	1,100	NA	190	1,400	4,800	5,900	970	1,800	NA	NA
PCBs (µg/kg)										
(PSDDA PCB)										
Aroclor 1016	9.9 U	81 U	950 U	49 U	7,600 U	55,000 U	29 U	6,200 U	21,000 U	21 U
Aroclor 1242	9.9 U	81 U	950 U	49 U	7,600 U	55,000 U	29 U	6,200 U	21,000 U	21 U
Aroclor 1248	9.9 U	81 U	1,900 U	49 U	48,000	660,000 U	29 U	41,000	110,000 U	21 U
Aroclor 1254	39	83	7,000	24,000	54,000	800,000	10,000	55,000	110,000	500 P
Aroclor 1260	75	160	950 U	2,400 U	12,000	130,000 U	1,200 U	11,000	21,000 U	340
Aroclor 1221	9.9 U	81 U	480 U	49 U	7,600 U	55,000 U	29 U	6,200 U	21,000 U	21 U
Aroclor 1232	9.9 U	81 U	1,400 U	49 U	7,600 U	55,000 U	29 U	6,200 U	21,000 U	21 U
SEMIVOLATILES (µg/kg-dry)										
(PSDDA SW8270D)										
Phenol	600 U	NA	59 U	130 U	1,200 U	300	100 U	340 U	260	NA
Bis-(2-Chloroethyl) Ether	600 U	NA	59 U	130 U	1,200 U	NA	100 U	340 U	NA	NA
2-Chlorophenol	600 U	NA	59 U	130 U	1,200 U	NA	100 U	340 U	NA	NA
1,3-Dichlorobenzene	600 U	NA	59 U	130 U	1,200 U	260 U	100 U	340 U	240 U	NA
1,4-Dichlorobenzene	600 U	NA	59 U	130 U	1,200 U	260 U	100 U	340 U	240 U	NA
Benzyl Alcohol	600 U	NA	59 U	130 U	1,200 U	260 U	100 U	340 U	240 U	NA
1,2-Dichlorobenzene	600 U	NA	59 U	130 U	1,200 U	260 U	100 U	340 U	240 U	NA
2-Methylphenol	600 U	NA	59 U	130 U	1,200 U	260 U	100 U	340 U	240 U	NA
2,2'-Oxybis(1-Chloropropane)	600 U	NA	59 U	130 U	1,200 U	NA	100 U	340 U	NA	NA
4-Methylphenol	600 U	NA	59 U	360	1,200 U	590	100 U	340 U	420	NA
N-Nitroso-Di-N-Propylamine	3,000 U	NA	290 U	660 U	5,800 U	NA	510 U	1,700 U	NA	NA
Hexachloroethane	600 U	NA	59 U	130 U	1,200 U	260 U	100 U	340 U	240 U	NA
Nitrobenzene	600 U	NA	59 U	130 U	1,200 U	NA	100 U	340 U	NA	NA

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TABLE 1
STORM DRAIN MANHOLE SOLIDS AND SEDIMENT TRAP ANALYTICAL DATA
NORTH BOEING FIELD

SPU Sample ID:	SL4-T4A	SL4-T4A	SL4-T5	SL4-T5	SL4-T5	SL4-T5	SL4-T1	SL4-T1	SL4-T1	SL4-T2
Boeing Manhole No.:	MH229A	MH229A	MH363	MH363	MH363	MH363	MH422	MH422	MH422	MH356
Lab ID:	JE01F	KA63G	HS89C	IK38C	JE01E	KA63C	IK38A	JE01B	KA63E	IK38F
Sample Type:	Sed. Trap	Sed. Trap	Grab	Sed. Trap	Sed. Trap	Sed. Trap	Sed. Trap	Sed. Trap	Sed. Trap	Sed. Trap
Date Deployed:	8/11/2005	3/16/2006		3/7/2005	8/11/2005	3/16/2006	3/7/2005	8/11/2005	3/16/2006	3/7/2005
Date Collected:	3/16/2006	10/11/2006	2/16/2005	8/11/2005	3/16/2006	10/11/2006	8/11/2005	3/16/2006	10/11/2006	8/11/2005
Isophorone	600 U	NA	59 U	130 U	1,200 U	NA	100 U	340 U	NA	NA
2-Nitrophenol	3,000 U	NA	290 U	660 U	5,800 U	NA	510 U	1,700 U	NA	NA
2,4-Dimethylphenol	600 U	NA	59 U	130 U	1,200 U	260 U	100 U	340 U	240 U	NA
Benzoic Acid	6,000 U	NA	590 U	1,300 U	12,000 U	2,600 U	1,000 U	3,400 U	2,400 U	NA
bis(2-Chloroethoxy) Methane	600 U	NA	59 U	130 U	1,200 U	NA	100 U	340 U	NA	NA
2,4-Dichlorophenol	3,000 U	NA	290 U	660 U	5,800 U	NA	510 U	1,700 U	NA	NA
1,2,4-Trichlorobenzene	600 U	NA	59 U	130 U	1,200 U	260 U	100 U	340 U	240 U	NA
Naphthalene	600 U	NA	59 U	130 U	1,200 U	260 U	100 U	340 U	240 U	NA
4-Chloroaniline	3,000 U	NA	290 U	660 U	5,800 U	NA	510 U	1,700 U	NA	NA
Hexachlorobutadiene	600 U	NA	59 U	130 U	1,200 U	260 U	100 U	340 U	240 U	NA
4-Chloro-3-methylphenol	3,000 U	NA	290 U	660 U	5,800 U	NA	510 U	1,700 U	NA	NA
2-Methylnaphthalene	600 U	NA	59 U	130 U	1,200 U	260 U	120	340 U	240 U	NA
Hexachlorocyclopentadiene	3,000 U	NA	290 U	660 U	5,800 U	NA	510 U	1,700 U	NA	NA
2,4,6-Trichlorophenol	3,000 U	NA	290 U	660 U	5,800 U	NA	510 U	1,700 U	NA	NA
2,4,5-Trichlorophenol	3,000 U	NA	290 U	660 U	5,800 U	NA	510 U	1,700 U	NA	NA
2-Chloronaphthalene	600 U	NA	59 U	130 U	1,200 U	NA	100 U	340 U	NA	NA
2-Nitroaniline	3,000 U	NA	290 U	660 U	5,800 U	NA	510 U	1,700 U	NA	NA
Dimethylphthalate	600 U	NA	59 U	130 U	1,200 U	260 U	100 U	340 U	240 U	NA
Acenaphthylene	600 U	NA	59 U	130 U	1,200 U	260 U	100 U	340 U	240 U	NA
3-Nitroaniline	3,000 U	NA	290 U	660 U	5,800 U	NA	510 U	1,700 U	NA	NA
Acenaphthene	600 U	NA	59 U	130 U	1,200 U	260 U	210	340 U	240 U	NA
2,4-Dinitrophenol	6,000 U	NA	590 U	1,300 U	12,000 U	NA	1,000 U	3,400 U	NA	NA
4-Nitrophenol	3,000 U	NA	290 U	660 U	5,800 U	NA	510 U	1,700 U	NA	NA
Dibenzofuran	600 U	NA	59 U	130 U	1,200 U	260 U	150	340 U	240 U	NA
2,6-Dinitrotoluene	3,000 U	NA	290 U	660 U	5,800 U	NA	510 U	1,700 U	NA	NA
2,4-Dinitrotoluene	3,000 U	NA	290 U	660 U	5,800 U	NA	510 U	1,700 U	NA	NA
Diethylphthalate	600 U	NA	59 U	130 U	1,200 U	260 U	100 U	340 U	240 U	NA
4-Chlorophenyl-phenylether	600 U	NA	59 U	130 U	1,200 U	NA	100 U	340 U	NA	NA
Fluorene	600 U	NA	59 U	130 U	1,200 U	260 U	190	340 U	240 U	NA
4-Nitroaniline	3,000 U	NA	290 U	660 U	5,800 U	NA	510 U	1,700 U	NA	NA
4,6-Dinitro-2-Methylphenol	6,000 U	NA	590 U	1,300 U	12,000 U	NA	1,000 U	3,400 U	NA	NA
N-Nitrosodiphenylamine	600 U	NA	59 U	130 U	1,200 U	260 U	100 U	340 U	240 U	NA
4-Bromophenyl-phenylether	600 U	NA	59 U	130 U	1,200 U	NA	100 U	340 U	NA	NA
Hexachlorobenzene	600 U	NA	59 U	130 U	1,200 U	260 U	100 U	340 U	240 U	NA
Pentachlorophenol	3,000 U	NA	290 U	660 U	5,800 U	1,300 U	510 U	1,700 U	1,200 U	NA
Phenanthrene	1,600	NA	260	1,600	3,700	2,400	2,800	2,500	2,900	NA
Carbazole	600 U	NA	68	310	1,200 U	NA	390	480	NA	NA

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TABLE 1
STORM DRAIN MANHOLE SOLIDS AND SEDIMENT TRAP ANALYTICAL DATA
NORTH BOEING FIELD

SPU Sample ID:	SL4-T4A	SL4-T4A	SL4-T5	SL4-T5	SL4-T5	SL4-T5	SL4-T1	SL4-T1	SL4-T1	SL4-T2
Boeing Manhole No.:	MH229A	MH229A	MH363	MH363	MH363	MH363	MH422	MH422	MH422	MH356
Lab ID:	JE01F	KA63G	HS85C	IK38C	JE01E	KA63C	IK38A	JE01B	KA63E	IK38F
Sample Type:	Sed. Trap	Sed. Trap	Grab	Sed. Trap	Sed. Trap	Sed. Trap	Sed. Trap	Sed. Trap	Sed. Trap	Sed. Trap
Date Deployed:	8/11/2005	3/16/2006		3/7/2005	8/11/2005	3/16/2006	3/7/2005	8/11/2005	3/16/2006	3/7/2005
Date Collected:	3/16/2006	10/11/2006	2/16/2005	8/11/2005	3/16/2006	10/11/2006	8/11/2005	3/16/2006	10/11/2006	8/11/2005
Anthracene	600 U	NA	59 U	210	1,200 U	260 U	360	380	290	NA
Di-n-Butylphthalate	600 U	NA	59 U	130 U	1,200 U	360	130	360	240 U	NA
Fluoranthene	4,200	NA	750	2,900	9,700	6,500	4,100	6,600	7,700	NA
Pyrene	2,400	NA	660	2,000	5,100	4,100	3,000	3,400	4,700	NA
Butylbenzylphthalate	600 U	NA	59 U	140	1,200 U	440	120	340 U	1,200	NA
3,3'-Dichlorobenzidine	3,000 U	NA	290 U	660 U	5,800 U	NA	510 U	1,700 U	NA	NA
Benzo(a)anthracene	1,000	NA	280	940	2,500	1,300	1,400	1,800	1,600	NA
bis(2-Ethylhexyl)phthalate	2,600	NA	500	2,700	8,300	19,000	2,400	2,600	10,000	NA
Chrysene	2,500	NA	400	1,400	4,300	3,700	1,900	2,700	4,300	NA
Di-n-Octyl phthalate	9,600	NA	69	1,200	5,500	7,200	440	1,000	1,500	NA
Benzo(b)fluoranthene	2,500	NA	450	1,700	4,500	3,100	2,400	2,400	3,200	NA
Benzo(k)fluoranthene	1,900	NA	310	970	2,900	3,000	1,300	2,300	4,100	NA
Benzo(a)pyrene	1,600	NA	300	1,200	3,000	2,300	1,700	2,000	2,800	NA
Indeno(1,2,3-cd)pyrene	960	NA	180	680	1,600	1,400	810	930	2,000	NA
Dibenz(a,h)anthracene	600 U	NA	59 U	130 U	1,200 U	480	260	340 U	700	NA
Benzo(g,h,i)perylene	900	NA	170	600	1,500	1,500	720	890	2,000	NA
CONVENTIONAL PARAMETERS (%)										
Total Solids (EPA 160.3) (%)	NA	27.8	79.90	NA	54.60 J	28.80	72.80 J	71.30 J	37.60	NA
Total Organic Carbon (Plumb, 1981) (%)	NA	NA	0.76	NA	7.59	11.0	4.29	7.86	NA	NA

TABLE 1
STORM DRAIN MANHOLE SOLIDS AND SEDIMENT TRAP ANALYTICAL DATA
NORTH BOEING FIELD

SPU Sample ID:	SL4-T2	SL4-T2	SL4-T3	SL4-T3	SL4-T3
Boeing Manhole No.:	MH356	MH356	MH364	MH364	MH364
Lab ID:	JE01A	KA63D	IK38G	JE01C	KA63A
Sample Type:	Sed. Trap	Sed. Trap	Sed. Trap	Sed. Trap	Sed. Trap
Date Deployed:	8/11/2005	3/16/2006	3/7/2005	8/11/2005	3/16/2006
Date Collected:	3/16/2006	10/11/2006	8/11/2005	3/16/2006	10/11/2006
TOTAL METALS (mg/kg-dry)					
Method 6000-7000 series)					
Arsenic	NA	50 U	NA	30 U	100 U
Copper	NA	276	NA	99	106
Lead	NA	300	NA	120	100
Mercury	NA	0.6	NA	0.3	0.7 U
Zinc	NA	1,560	NA	448	660
NWTPH-Dx (mg/kg)					
Diesel Range Hydrocarbons	NA	NA	NA	320	NA
Motor Oil	NA	NA	NA	1,200	NA
PCBs (µg/kg)					
(PSDDA PCB)					
Aroclor 1016	210 U	300 U	20 U	160 U	78 U
Aroclor 1242	210 U	230 U	20 U	160 U	78 U
Aroclor 1248	210 U	300 U	20 U	270 U	160 U
Aroclor 1254	890	760	1,400	1,300	480
Aroclor 1260	570	470	380 U	510	150
Aroclor 1221	210 U	75 U	20 U	160 U	39 U
Aroclor 1232	210 U	380 U	20 U	310 U	160 U
SEMIVOLATILES (µg/kg-dry)					
(PSDDA SW8270D)					
Phenol	1,300 U	NA	NA	530 U	NA
Bis-(2-Chloroethyl) Ether	1,300 U	NA	NA	530 U	NA
2-Chlorophenol	1,300 U	NA	NA	530 U	NA
1,3-Dichlorobenzene	1,300 U	NA	NA	530 U	NA
1,4-Dichlorobenzene	1,300 U	NA	NA	530 U	NA
Benzyl Alcohol	1,300 U	NA	NA	530 U	NA
1,2-Dichlorobenzene	1,300 U	NA	NA	530 U	NA
2-Methylphenol	1,300 U	NA	NA	530 U	NA
2,2'-Oxybis(1-Chloropropane)	1,300 U	NA	NA	530 U	NA
4-Methylphenol	1,300 U	NA	NA	530 U	NA
N-Nitroso-Di-N-Propylamine	6,600 U	NA	NA	2,700 U	NA
Hexachloroethane	1,300 U	NA	NA	530 U	NA
Nitrobenzene	1,300 U	NA	NA	530 U	NA

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TABLE 1
STORM DRAIN MANHOLE SOLIDS AND SEDIMENT TRAP ANALYTICAL DATA
NORTH BOEING FIELD

SPU Sample ID:	SL4-T2	SL4-T2	SL4-T3	SL4-T3	SL4-T3
Boeing Manhole No.:	MH356	MH356	MH364	MH364	MH364
Lab ID:	JE01A	KA63D	IK38G	JE01C	KA63A
Sample Type:	Sed. Trap	Sed. Trap	Sed. Trap	Sed. Trap	Sed. Trap
Date Deployed:	8/11/2005	3/16/2006	3/7/2005	8/11/2005	3/16/2006
Date Collected:	3/16/2006	10/11/2006	8/11/2005	3/16/2006	10/11/2006
Isophorone	1,300 U	NA	NA	530 U	NA
2-Nitrophenol	6,600 U	NA	NA	2,700 U	NA
2,4-Dimethylphenol	1,300 U	NA	NA	530 U	NA
Benzoic Acid	13,000 U	NA	NA	5,300 U	NA
bis(2-Chloroethoxy) Methane	1,300 U	NA	NA	530 U	NA
2,4-Dichlorophenol	6,600 U	NA	NA	2,700 U	NA
1,2,4-Trichlorobenzene	1,300 U	NA	NA	530 U	NA
Naphthalene	1,300 U	NA	NA	530 U	NA
4-Chloroaniline	6,600 U	NA	NA	2,700 U	NA
Hexachlorobutadiene	1,300 U	NA	NA	530 U	NA
4-Chloro-3-methylphenol	6,600 U	NA	NA	2,700 U	NA
2-Methylnaphthalene	1,300 U	NA	NA	530 U	NA
Hexachlorocyclopentadiene	6,600 U	NA	NA	2,700 U	NA
2,4,6-Trichlorophenol	6,600 U	NA	NA	2,700 U	NA
2,4,5-Trichlorophenol	6,600 U	NA	NA	2,700 U	NA
2-Chloronaphthalene	1,300 U	NA	NA	530 U	NA
2-Nitroaniline	6,600 U	NA	NA	2,700 U	NA
Dimethylphthalate	1,300 U	NA	NA	530 U	NA
Acenaphthylene	1,300 U	NA	NA	530 U	NA
3-Nitroaniline	6,600 U	NA	NA	2,700 U	NA
Acenaphthene	1,300 U	NA	NA	530 U	NA
2,4-Dinitrophenol	13,000 U	NA	NA	5,300 U	NA
4-Nitrophenol	6,600 U	NA	NA	2,700 U	NA
Dibenzofuran	1,300 U	NA	NA	530 U	NA
2,6-Dinitrotoluene	6,600 U	NA	NA	2,700 U	NA
2,4-Dinitrotoluene	6,600 U	NA	NA	2,700 U	NA
Diethylphthalate	1,300 U	NA	NA	530 U	NA
4-Chlorophenyl-phenylether	1,300 U	NA	NA	530 U	NA
Fluorene	1,300 U	NA	NA	530 U	NA
4-Nitroaniline	6,600 U	NA	NA	2,700 U	NA
4,6-Dinitro-2-Methylphenol	13,000 U	NA	NA	5,300 U	NA
N-Nitrosodiphenylamine	1,300 U	NA	NA	530 U	NA
4-Bromophenyl-phenylether	1,300 U	NA	NA	530 U	NA
Hexachlorobenzene	1,300 U	NA	NA	530 U	NA
Pentachlorophenol	6,600 U	NA	NA	2,700 U	NA
Phenanthrene	15,000	NA	NA	1,800	NA
Carbazole	3,600	NA	NA	530 U	NA

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TABLE 1
STORM DRAIN MANHOLE SOLIDS AND SEDIMENT TRAP ANALYTICAL DATA
NORTH BOEING FIELD

SPU Sample ID:	SL4-T2	SL4-T2	SL4-T3	SL4-T3	SL4-T3
Boeing Manhole No.:	MH356	MH356	MH364	MH364	MH364
Lab ID:	JE01A	KA83D	IK38G	JE01C	KA63A
Sample Type:	Sed. Trap	Sed. Trap	Sed. Trap	Sed. Trap	Sed. Trap
Date Deployed:	8/11/2005	3/16/2006	3/7/2005	8/11/2005	3/16/2006
Date Collected:	3/16/2006	10/11/2006	8/11/2005	3/16/2006	10/11/2006
Anthracene	1,700	NA	NA	530 U	NA
Di-n-Butylphthalate	1,300 U	NA	NA	530 U	NA
Fluoranthene	45,000	NA	NA	4,800	NA
Pyrene	23,000	NA	NA	2,700	NA
Butylbenzylphthalate	1,600	NA	NA	530 U	NA
3,3'-Dichlorobenzidine	6,600 U	NA	NA	2,700 U	NA
Benzo(a)anthracene	11,000	NA	NA	1,200	NA
bis(2-Ethylhexyl)phthalate	34,000	NA	NA	4,800	NA
Chrysene	23,000	NA	NA	2,600	NA
Di-n-Octyl phthalate	9,800	NA	NA	23,000	NA
Benzo(b)fluoranthene	26,000	NA	NA	2,600	NA
Benzo(k)fluoranthene	17,000	NA	NA	1,700	NA
Benzo(a)pyrene	15,000	NA	NA	1,500	NA
Indeno(1,2,3-cd)pyrene	9,200	NA	NA	930	NA
Dibenz(a,h)anthracene	2,100	NA	NA	530 U	NA
Benzo(g,h,i)perylene	9,000	NA	NA	950	NA
CONVENTIONAL PARAMETERS (%)					
Total Solids (EPA 160.3) (%)	NA	8.93	NA	13.40 J	4.93
Total Organic Carbon (Plumb, 1981) (%)	NA	NA	NA	5.80	NA

Notes:
U = Indicates the compound was undetected at the reported concentration.
J = Indicates the analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample
P = Indicates the analyte was detected on both chromatographic columns, but the quantified values differ by ≥40% RPD with no obvious chromatographic interference.
NA = Not analyzed.

The samples listed in this table were collected in coordination with Seattle Public Utilities (SPU). The 2/16/05 samples are solids collected from the base of the manhole or catch basin. The 8/11/05 samples are sediment trap solids collected between 3/7/05 and 8/11/05. The 3/16/06 samples are sediment trap solids collected between 8/11/05 and 3/16/06. The 8/11/06 samples are sediment trap solids collected between 3/16/06 and 8/11/06.

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