Table 2

Boeing Plant 2
Data Gap Investigation, South Yard Area
Detected Constituents in Soil Compared to SLs

Constituent	Analytical Method	2004 Soil Screening Level	Sample ID:	DP-SY-1-1	DP-SY-1-5	DP-SY-1-10	DP-SY-2-1	DP-SY-2-5	DP-SY-2-10	DP-SY-3-1	DP-SY-3-5	DP-SY-3-10	DP-SY-4-1	DP-SY-4-5	DP-SY-4-10	DP-SY-5-1	DP-SY-5-5	DP-SY-5-10	DP-SY-5-10	DP-SY-6-1	DP-SY-6-5	DP-SY-6-10	DP-SY-7-1	DP-SY-7-5	DP-SY-7-5	DP-SY-7-10	DP-SY-7-10
			Location:	DP-SY-01	DP-SY-01	DP-SY-01	DP-SY-02	DP-SY-02	DP-SY-02	DP-SY-03	DP-SY-03	DP-SY-03	DP-SY-04	DP-SY-04	DP-SY-04	DP-SY-05	DP-SY-05	DP-SY-05	DP-SY-05 Re.	DP-SY-06	DP-SY-06	DP-SY-06	DP-SY-07	DP-SY-07	DP-SY-07 Re.	DP-SY-07	DP-SY-07 Re.
			Depth (ft bgs):	0 - 1	4 - 5	9 - 10	0 - 1	4 - 5	9 - 10	0 - 1	4 - 5	9 - 10	0 - 1	4 - 5	9 - 10	0 - 1	4 - 5	9 - 10	9 - 10	0 - 1	4 - 5	9 - 10	0 - 1	4 - 5	4 - 5	9 - 10	9 - 10
			Sample Date:	3/8/2005	3/8/2005	3/8/2005	3/7/2005	3/7/2005	3/7/2005	3/7/2005	3/7/2005	3/7/2005	3/7/2005	3/7/2005	3/7/2005	3/7/2005	3/7/2005	3/7/2005	3/7/2005	3/7/2005	3/7/2005	3/7/2005	3/7/2005	3/7/2005	3/7/2005	3/7/2005	3/7/2005
VOCs (µg/kg)																											
Vinyl Chloride	EPA 8260B	4.59		1 U	1.2 U	1.3 U	1.2 U	1 U	1 U	1.3 U	1.1 U	9.5	1 U	1 U	6.5	1 U	1.2 U	11		1.1 U	1.2 U	1.4 U	1 U	1.1 U		1.1 U	
Chloroethane	EPA 8260B			1 U	1.2 U	1.3 U	1.2 U	1 U	1 U	1.3 U	1.1 U	1 U	1 U	1 U	1.4 U	1 U	1.2 U	1.3 U		1.1 U	1.2 U	1.4 U	1 U	1.1 U		1.1 U	
Methylene Chloride	EPA 8260B	828		2.1 U	2.5 U	2.6 U	2.3 U	2.1 U	2 U	2.6 U	2.1 U	2 U	2 U	2.1 U	2.7 U	5.7	2.4 U	2.6 U		2.2 U	2.4 U	2.8 U	2.1 U	2.3 U		2.3 U	
Acetone	EPA 8260B			5.2 U	150	56	5.9 U	5.2 U	47	6.4 U	5.3 U	26 U	5 U	5.2 U	34 U	5.1 U	6.1 U	110		9 U	6 U	74	5.3 U	8.1 U		11 U	
Carbon Disulfide	EPA 8260B			1 U	1.2 U	1.3 U	1.2 UJ	1 UJ	1 UJ	1.3 UJ	1.1 UJ	1 UJ	1 UJ	1 UJ	1.4 UJ	1 UJ	1.2 U	1.4		1.1 U	1.2 U	1.4 U	1 U	1.1 U		1.1 U	
1,1-Dichloroethane	EPA 8260B			1 U	1.2 U	1.3 U	1.2 U	1 U	1 U	1.3 U	1.1 U	1 U	1 U	1 U	1.4 U	1 U	1.2 U	1.3 U		1.1 U	1.2 U	1.4 U	1 U	1.1 U		1.1 U	
trans-1,2-Dichloroethene	EPA 8260B	899		1 U	1.2 U	1.3 U	1.2 U	1 U	1 U	1.3 U	1.1 U	1 U	1 U	1 U	1.4 U	1 U	1.2 U	1.9		1.1 U	1.2 U	1.4 U	1 U	1.1 U		1.1 U	
cis-1,2-Dichloroethene	EPA 8260B	794		1 U	1.2 U	1.3 U	1.2 U	1 U	2.5	1.3 U	1.1 U	1 U	1 U	1 U	1.4 U	1 U	1.2 U	48		1.1 U	1.2 U	1.4 U	1 U	1.1 U		1.1 U	
2-Butanone	EPA 8260B			5.2 U	37	11	5.9 U	5.2 U	13	6.4 U	5.3 U	6.2	5 U	5.2 U	9.3	5.1 U	6.1 U	19		5.5 U	6 U	13	5.2 U	5.6 U		5.7 U	
1,1,1-Trichloroethane	EPA 8260B	27,800		1 U	1.2 U	1.3 U	1.2 U	1 U	1 U	1.3 U	1.1 U	1 U	1 U	1 U	1.4 U	1 U	1.2 U	1.3 U		1.1 U	1.2 U	1.4 U	1 U	1.1 U		1.1 U	
Trichloroethene	EPA 8260B	2		1 U	1.2 U	1.3 U	2	1 U	1 U	1.6	4.5	1.7	1 U	1 U	1.4 U	3.7	4.5	19		1.1 U	1.2 U	1.4 U	1 U	1.1 U		1.1 U	
Benzene	EPA 8260B	25.3		1 U	1.2 U	1.3 U	1.2 U	1 U	1 U	1.3 U	1.1 U	1 U	1 U	1 U	1.4 U	1 U	1.2 U	1.3 U		1.1 U	1.2 U	1.4 U	1 U	1.1 U		1.1 U	
Tetrachloroethene	EPA 8260B	8.72		1 U	1.2 U	1.3 U	1.2 U	1 U	1 U	2.7	3.6	1 U	1.1	1.7	1.4 U	110	46	57		1.1 U	3.4	1.4 U	1 U	1.1 U		1.1 U	
Toluene	EPA 8260B	19,000		1 U	1.2 U	1.3 U	1.2 U	1 U	1 U	1.3 U	1.1 U	1 U	1 U	1 U	1.4 U	1 U	1.2 U	1.3 U		1.1 U	1.2 U	1.4 U	1 U	1.1 U		1.1 U	
SVOCs (µg/kg)																											
Naphthalene	EPA 8270C	24,800		66 U	65 U	66 U	70 U	64 U	65 U	66 U	63 U	65 U	66 U	65 U	66 U	64 U	63 U	64 U		66 U	66 U	65 U	63 U	63 U	63 U	64 U	
Hexachlorobutadiene	EPA 8270C	6,380		66 U	65 U	66 U	70 U	340	65 U	66 U	63 U	65 U	66 U	65 U	66 U	64 U	63 U	64 U		66 U	66 U	65 U	63 U	63 U	63 U	64 U	
2-Methylnaphthalene	EPA 8270C			66 U	65 U	66 U	70 U	64 U	65 U	66 U	63 U	65 U	66 U	65 U	66 U	64 U	63 U	64 U		66 U	66 U	65 U	63 U	63 U	63 U	64 U	
Acenaphthylene	EPA 8270C			66 U	65 U	66 U	75	64 U	65 U	66 U	63 U	65 U	66 U	65 U	66 U	64 U	63 U	64 U		66 U	66 U	65 U	63 U	63 U	63 U	64 U	
Acenaphthene	EPA 8270C	32,400		66 U	65 U	66 U	70 U	64 U	65 U	66 U	63 U	65 U	66 U	65 U	66 U	64 U	63 U	64 U		66 U	66 U	65 U	63 U	63 U	63 U	64 U	
Phenanthrene	EPA 8270C			66 U	65 U	66 U	70 U	64 U	65 U	66 U	63 U	65 U	66 U	65 U	66 U	64 U	63 U	64 U		66 U	66 U	65 U	63 U	63 U	63 U	64 U	
Anthracene	EPA 8270C	6,080,000		66 U	65 U	66 U	72	64 U	65 U	66 U	63 U	65 U	66 U	65 U	66 U	64 U	63 U	64 U		66 U	66 U	65 U	63 U	63 U	63 U	64 U	
Di-n-Butylphthalate	EPA 8270C	50,900		66 U	65 U	66 U	180	64 U	65 U	66 U	63 U	65 U	66 U	65 U	66 U	64 U	63 U	64 U		84	66 U	65 U	63 U	63 U	63 U	64 U	
Fluoranthene	EPA 8270C	44,000		66 U	65 U	66 U	510	64 U	65 U	66 U	63 U	65 U	66 U	65 U	66 U	64 U	63 U	64 U		66 U	66 U	65 U	63 U	63 U	63 U	64 U	
Pyrene	EPA 8270C	1,750,000		66 U	65 U	66 U	520	64 U	65 U	66 U	63 U	65 U	66 U	65 U	66 U	64 U	63 U	64 U		66	66 U	65 U	63 U	63 U	63 U	64 U	
Benzo(a)anthracene	EPA 8270C	41.9		66 U	65 U	66 U	180	64 U	65 U	66 U	63 U	65 U	66 U	65 U	66 U	64 U	63 U	64 U		66 U	66 U	65 U	63 U	63 U	63 U	64 U	
bis(2-Ethylhexyl)phthalate	EPA 8270C	1,570		66 U	65 U	66 U	70 U	64 U	65 U	66 U	63 U	65 U	66 U	65 U	66 U	64 U	63 U	64 U		100	66 U	65 U	63 U	63 U	63 U	64 U	
Chrysene	EPA 8270C	46.6		66 U	65 U	66 U	240	64 U	65 U	66 U	63 U	65 U	66 U	65 U	66 U	64 U	63 U	64 U		66 U	66 U	65 U	63 U	63 U	63 U	64 U	
Benzo(b)fluoranthene	EPA 8270C	144		66 U	65 U	66 U	230	64 U	65 U	66 U	63 U	65 U	66 U	65 U	66 U	64 U	63 U	64 U		66 U	66 U	65 U	63 U	63 UJ	63 UJ	64 U	
Benzo(k)fluoranthene	EPA 8270C	144		66 U	65 U	66 U	210	64 U	65 U	66 U	63 U	65 U	66 U	65 U	66 U	64 U	63 U	64 U		66 U	66 U	65 U	63 U	63 UJ	63 UJ	64 U	
Benzo(a)pyrene	EPA 8270C	113		66 U	65 U	66 U	230	64 U	65 U	66 U	63 U	65 U	66 U	65 U	66 U	64 U	63 U	64 U		66 U	66 U	65 U	63 U	63 UJ	63 UJ	64 U	
Indeno(1,2,3-cd)pyrene	EPA 8270C	406		66 U	65 U	66 U	110	64 U	65 U	66 U	63 U	65 U	66 U	65 U	66 U	64 U	63 U	64 U		66 U	66 U	65 U	63 U	63 UJ	63 UJ	64 U	
Dibenz(a,h)anthracene	EPA 8270C	210		66 U	65 U	66 U	70 U	64 U	65 U	66 U	63 U	65 U	66 U	65 U	66 U	64 U	63 U	64 U		66 U	66 U	65 U	63 U	63 UJ	63 UJ	64 U	
Benzo(g,h,i)perylene	EPA 8270C			66 U	65 U	66 U	86	64 U	65 U	66 U	63 U	65 U	66 U	65 U	66 U	64 U	63 U	64 U		66 U	66 U	65 U	63 U	63 UJ	63 UJ	64 U	
Naphthalene	EPA 8270SIM	24,800		6.6 U	6.5 U	6.6 U	21 U	6.4 U	6.5 U	6.6 U	6.3 U	6.5 U	6.6 U	6.5 U	6.6 U	6.4 U	6.3 U	6.4 U	6.4 U	20 U	6.6 U	6.5 U	6.3 U	6.3 U	6.3 U	6.4 U	6.4 U
2-Methylnaphthalene	EPA 8270SIM			6.6 U	6.5 U	6.6 U	21 U	6.4 U	6.5 U	6.6 U	21	6.5 U	6.6 U	6.5 U	6.6 U	6.4 U	6.3 U	6.4 U	6.4 U	20 U	11	6.5 U	6.3 U	6.3 U	6.3 U	6.4 U	6.4 U
Acenaphthylene	EPA 8270SIM			6.6 U	6.5 U	6.6 U	120	6.4 U	6.5 U	6.6 U	6.3 U	6.5 U	6.6 U	6.5 U	6.6 U	6.4 U	6.3 U	6.4 U	6.4 U	20 U	6.6 U	6.5 U	6.3 U	6.3 U	6.3 U	6.4 U	6.4 U
Acenaphthene	EPA 8270SIM	32,400		6.6 U	6.5 U	6.6 U	59	6.4 U	6.5 U	6.6 U	6.3 U	6.5 U	6.6 U	6.5 U	6.6 U	6.4 U	6.3 U	6.4 U	6.4 U	20 U	6.6 U	6.5 U	6.3 U	6.3 U	6.3 U	6.4 U	6.4 U
Phenanthrene	EPA 8270SIM			6.6 U	7.8	12	34	6.4 U	6.5 U	6.6 U	14	9.2	6.6 U	17	6.6 U	6.4 U	6.3 U	6.4 U	6.4 U	22	6.6 U	6.5 U	6.3 U	6.3 U	6.3 U	6.4 U	6.4 U
Anthracene	EPA 8270SIM	6,080,000		6.6 U	6.5 U	6.6 U	99	6.4 U	6.5 U	6.6 U	6.3 U	6.5 U	6.6 U	6.5 U	6.6 U	6.4 U	6.3 U	6.4 U	6.4 U	20 U	6.6 U	6.5 U	6.3 U	6.3 U	6.3 U	6.4 U	6.4 U
Fluoranthene	EPA 8270SIM	44,000		6.6 U	10	12	510	6.4 U	6.5 U	6.6 U	6.3 U	6.5 U	7.9	6.5 U	6.6 U	6.4 U	6.3 U	6.4 U	6.4 U	41	6.6 U	6.5 U	6.3 U	6.3 U	6.3 U	6.4 U	6.4 U
Pyrene	EPA 8270SIM	1,750,000		13	13	9.9	580	6.4 U	6.5 U	6.6 U	6.3 U	7.2	8.6	6.5 U	6.6 U	6.4 U	6.3 U	6.4 U	6.4 U	53	6.6 U	6.5 U	6.3 U	6.3 U	6.3 U	6.4 U	6.4 U
Benzo(a)anthracene	EPA 8270SIM	41.9		6.6 U	6.5 U	6.6 U	210	6.4 U	6.5 U	6.6 U	6.3 U	6.5 U	6.6 U	6.5 U	6.6 U	6.4 U	6.3 U	6.4 U	6.4 U	20 U	6.6 U	6.5 U	6.3 U	6.3 U	6.3 U	6.4 U	6.4 U
Chrysene	EPA 8270SIM	46.6		7.3	7.8	10	240	6.4 U	6.5 U	6.6 U	6.3 U	11	9.3	6.5 U	6.6 U	6.4 U	6.3 U	6.4 U	6.4 U	30	6.6 U	6.5 U	6.3 U	6.3 U	6.3 U	6.4 U	6.4 U
Benzo(b)fluoranthene	EPA 8270SIM	144		9.9 J	6.5 U	6.6 U	290	6.4 U	6.5 U	6.6 U	6.3 U	6.5 U	14	6.5 U	6.6 U	6.4 U	6.3 U	6.4 U	6.4 U	20 U	6.6 U	6.5 U	6.3 U	6.3 U	6.3 U	6.4 U	6.4 U
Benzo(k)fluoranthene	EPA 8270SIM	144		8.6 J	8.4	6.6 U	170	6.4 U	6.5 U	6.6 U	6.3 U	6.5 U	11	6.5 U	6.6 U	6.4 U	6.3 U	6.4 U	6.4 U	20 U	6.6 U	6.5 U	6.3 U	6.3 U	6.3 U	6.4 U	6.4 U
Benzo(a)pyrene	EPA 8270SIM	113		6.6 U	6.5 U	6.6 U	220	6.4 U	6.5 U	6.6 U	6.3 U	6.5 U	7.3	6.5 U	6.6 U	6.4 U	6.3 U	6.4 U	6.4 U	33	6.6 U	6.5 U	6.3 U	6.3 U	6.3 U	6.4 U	6.4 U
Indeno(1,2,3-cd)pyrene	EPA 8270SIM	406		6.6 U	6.5 U	6.6 U	95	6.4 U	6.5 U	6.6 U	6.3 U	6.5 U	9.9	6.5 U	6.6 U	6.4 U	6.3 U	6.4 U	6.4 U	20 U	6.6 U	6.5 U	6.3 U	6.3 U	6.3 U	6.4 U	6.4 U
Dibenz(a,h)anthracene	EPA 8270SIM	210		6.6 U	6.5 U	6.6 U	30	6.4 UJ	6.5 UJ	6.6 UJ	6.3 UJ	6.5 U	6.6 UJ	6.5 UJ	6.6 UJ	6.4 UJ	6.3 U	6.4 U	6.4 U	20 U	6.6 U	6.5 U	6.3 U	6.3 U	6.3 U	6.4 U	6.4 U
Benzo(g,h,i)perylene	EPA 8270SIM			6.6 U	6.5 U	6.6 U	82	6.4 U	6.5 U	6.6 U	6.3 U	6.5 U	13	6.5 U	6.6 U	6.4 U	6.3 U	6.4 U	6.4 U	20 U	6.6 U	6.5 U	6.3 U	6.3 U	6.3 U	6.4 U	6.4 U
SVOCs (µg/kg)																											
Aroclor 1254	EPA 8082	33		130	33 U	32 U	230	33 U	32 U	90	32 U	49	330	80	33 U	33 U	32 U	33 U		230	32 U	32 U	33 U	33 U		33 U	
Aroclor 1260	EPA 8082	33		70 U	33 U	32 U	140	33 U	32 U	73	32 U	33 J	210	45	33 U	33 U	32 U	33 U		77 J	32 U	32 U	33 U	33 U		33 U	
Total PCB	EPA 8082	33		130	33 U	32 U	370	33 U	32 U	163	32 U	82 J	540	125	33 U	33 U	32 U	33 U		307 J	32 U	32 U	33 U	33 U		33 U	
Inorganics (mg/kg)																											
Aluminum	EPA 6010B			9080	19400	16700	13700	10000	22500	8830	8860	12600	9430	9520	10400	7750	10200	11800		10300	10700	16500	9070	8730		11600	
Arsenic	EPA 6010B	7.3		5 U	7 U	6 U	5 U	6 U	7 U	5 U	6 U	5 U	5 U	5 U	6 U	5 U	7 U	6 U		7	6 U	6 U	5 U	5 U		6 U	
Beryllium	EPA 6010B	222		0.1	0.3	0.2	0.14	0.1	0.3	0.1	0.1 U	0.2	0.1	0.1	0.1	0.1	0.1 U	0.1		0.1	0.1 U	0.2	0.1 U	0.1		0.1	
Cadmium	EPA 6010B	1.21		0.2 U	0.3	0.3	0.4	0.2 U	0.3 U	0.2 U	0.2 U	0.2	0.4	0.2 U	0.2 U	0.2 U	0.3 U	0.3 U		4.3	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	
Chromium	EPA 6010B			14.5	19	17	27.4 J	52.1 J	21.8 J	15.1 J	9 J	18 J	18.3 J	14 J	12.1 J	11.7 J	11.4 J	13.2 J		15.3 J	19.5 J	16.1 J	10.5 J	9.9 J		13.5 J	
Copper	EPA 6010B	36.4		12.2	30	24.4	32.9	13.5	31.5	12.8	10.8	20.6	17.7	12.9	13.6	9.1	13.2	15.5		25.1	12.8	24.2	11.3	9.2		16.5	
Lead	EPA 6010B	1,000		5	15	10	6	4	10	4	2	6	9	3	2	2 U	3	3 U		16	3	4	2	2 U		2 U	
Magnesium	EPA 6010B			3140	5040	4230	4670	2200	5460	3080	1930	3630	2650	2580	2370	2550	2150	2560		2950	2420	3640	2070	2200		2450	
Manganese	EPA 6010B	1,146		158	248	230	231	94.3	370	142	73.4	180	141	131	136	110	77.9	150		157	87.5	180	86.8	161		228	
Mercury	EPA 7471A	0.07		0.05 U	0.07 U	0.06 U	0.04	0.05 U	0.07	0.05	0.05 U	0.06	0.09	0.04 U	0.05 U	0.04 U	0.05 U	0.05 U		0.06 U	0.05 U	0.05 U	0.04 U	0.04 U		0.05 U	
Nickel	EPA 6010B	47.8		14	16	13	19.7	8	17	11	6	13	13	13	8	8.7	10	9		12	7	12	7	8		9	
Silver	EPA 6010B	0.323		0.3 U	0.4 U	0.4 U	0.3 U	0.3 U	0.4 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.4 U	0.3 U	0.4 U	0.4 U		7.1	0.4 U	0.4 U	0.3 U	0.3 U		0.4 U	
Vanadium	EPA 6010B	56,100		36	55.9	49.7	45.6	36.5	58.8	37.3	36.5	54.1	41.3	39.8	44.6	39.4	41.8	48		41.4	38.2	50	36.1	36.8		46.3	
Zinc	EPA 6010B	101		33.5	53.7	42.9	50.4	23.3	64.3	32.4	17	35.3	48.7	27.5	23.7	23.5	22.5	24.1		83.3	22.5	27.3	19.9	22.5		22.5	
Petroleum Hydrocarbons (mg/kg)																											
TPH - Diesel Range	NWTPH-Dx	2,000																									
TPH - Motor Oil Range	NWTPH-Dx	2,000																									

Notes:
Re. = Reanalysis

Source: Environmental Partners, Inc.; Golder Associates, Inc. 2006.

Table 2

Boeing Plant 2
Data Gap Investigation, South Yard Area
Detected Constituents in Soil Compared to SLs

Constituent	Analytical Method	2004 Soil Screening Level	Sample ID:	DP-SY-8-1	DP-SY-8-5	DP-SY-8-5	DP-SY-8-10	DP-SY-9-1	DP-SY-9-5	DP-SY-9-10	DP-SY-10-1	DP-SY-10-5	DP-SY-10-10	DP-SY-11-1	DP-SY-11-5	DP-SY-11-10	DP-SY-12-1	DP-SY-12-5	DP-SY-12-10	SY-PL2-601A-1.5	SY-PL2-601A-5	SY-PL2-601A-10	SY-PL2-602A-1.5	SY-PL2-602A-5
			Location:	DP-SY-08	DP-SY-08	DP-SY-08 Re.	DP-SY-08	DP-SY-09	DP-SY-09	DP-SY-09	DP-SY-10	DP-SY-10	DP-SY-10	DP-SY-11	DP-SY-11	DP-SY-11	DP-SY-12	DP-SY-12	DP-SY-12	PL2-601A	PL2-601A	PL2-601A	PL2-602A	PL2-602A
			Depth (ft bgs):	0 - 1	4 - 5	4 - 5	9 - 10	0 - 1	4 - 5	9 - 10	0 - 1	4 - 5	9 - 10	0 - 1	4 - 5	9 - 10	0 - 1	4 - 5	9 - 10	0 - 1.5	3.5 - 5	8.5 - 10	0 - 1.5	3.5 - 5
			Sample Date:	3/7/2005	3/7/2005	3/7/2005	3/7/2005	3/8/2005	3/8/2005	3/8/2005	3/8/2005	3/8/2005	3/8/2005	3/8/2005	3/8/2005	3/8/2005	3/8/2005	3/8/2005	3/8/2005	3/1/2005	3/1/2005	3/1/2005	3/1/2005	3/1/2005
VOCs (µg/kg)																								
Vinyl Chloride	EPA 8260B	4.59		1.1 U	1.4 U	1.4 U	1.3 U	1 U	1.3 U	1.2 U	1.1 U	1.1 U	1 U	1.1 U	1.1 U	2.2	1 U	1 U	1.2 U	1 U	1 U	1.2 U	1 U	1.1 U
Chloroethane	EPA 8260B			1.1 U	1.4 U	1.4 U	1.3 U	1 U	1.3 U	1.2 U	1.1 U	1.1 U	1 U	1.1 U	1.1 U	3.9	1 U	1 U	1.2 U	1 U	1 U	1.2 U	1 U	1.1 U
Methylene Chloride	EPA 8260B	828		2.2 U	2.8 U	2.7 U	2.6 U	2 U	2.5 U	2.4 U	2.1 U	2.2 U	2.1 U	2.2 U	2.2 U	2.7 U	2 U	2.1 U	2.5 U	2 U	2 U	2.5 U	2 U	2.3 U
Acetone	EPA 8260B			5.4 U	78	140	64	6.2	6.3 U	120	5.4 U	5.4 U	7.5	6.4	6.9	210	5 U	5.6	37	5.1 U	6.1 U	6.1 U	5.1 U	5.7 U
Carbon Disulfide	EPA 8260B			1.1 U	1.4 U	1.4 U	1.3 U	1 U	1.3 U	5.7	1.1 U	1.1 U	1 U	1.1 U	1.1 U	1.4 U	1 U	1 U	1.2 U	1 UJ	1 UJ	2.3 J	1 UJ	1.1 UJ
1,1-Dichloroethane	EPA 8260B			1.1 U	1.4 U	1.4 U	1.3 U	1 U	1.3 U	1.2 U	1.1 U	1.1 U	1 U	1.1 U	1.1 U	6.1	1 U	1 U	4.6	1 U	1 U	1.2 U	1 U	1.1 U
trans-1,2-Dichloroethene	EPA 8260B	899		1.1 U	1.4 U	1.4 U	1.3 U	1 U	1.3 U	1.2 U	1.1 U	1.1 U	1 U	1.1 U	1.1 U	1.4 U	1 U	1 U	1.2 U	1 U	1 U	1.2 U	1 U	1.1 U
cis-1,2-Dichloroethene	EPA 8260B	794		1.1 U	1.4 U	1.4 U	1.3 U	1 U	1.3 U	1.2 U	1.1 U	1.1 U	1 U	1.1 U	1.1 U	3.4	1 U	1 U	2	1 U	1 U	1.2 U	1 U	3.3
2-Butanone	EPA 8260B			5.4 U	16	29	12	5 U	6.3 U	25	5.4 U	5.4 U	5.2 U	5.4 U	5.5 U	54	5 U	5.2 U	7.3	5 U	5 U	6.1 U	5.1 U	5.7 U
1,1,1-Trichloroethane	EPA 8260B	27,800		1.1 U	1.4 U	1.4 U	1.3 U	1 U	1.3 U	1.2 U	1.1 U	1.1 U	1 U	1.2	1.1 U	1.4 U	1 U	1 U	1.2 U	1 U	1 U	1.2 U	1 U	1.1 U
Trichloroethene	EPA 8260B	2		1.1 U	1.4 U	1.4 U	1.3 U	1 U	1.3 U	1.2 U	1.2	3.5	1 U	4	1.4	1.4 U	1 U	1 U	2.1	2	1.4	1.2 U	13	130
Benzene	EPA 8260B	25.3		1.1 U	1.4 U	1.4 U	1.3 U	1 U	1.3 U	1.2 U	1.1 U	1.1 U	1 U	1.1 U	1.1 U	1.4 U	1 U	1 U	1.2 U	1 U	1 U	1.2 U	1 U	1.1 U
Tetrachloroethene	EPA 8260B	8.72		1.1 U	1.4 U	1.4 U	1.3 U	1 U	1.3 U	1.2 U	1.1 U	2	1 U	3.1	1.1 U	1.4 U	1 U	1 U	1.2 U	1 U	1 U	1.2 U	1 U	3.7
Toluene	EPA 8260B	19,000		1.1 U	1.4 U	1.4 U	1.3 U	1 U	1.3 U	1.2 U	1.1 U	1.1 U	1 U	1.1 U	1.1 U	2.2	1 U	1 U	1.2 U	1 U	1 U	1.2 U	1 U	1.1 U
SVOCs (µg/kg)																								
Naphthalene	EPA 8270C	24,800		65 U	66 U		64 U	66 U	66 U	65 U													64 U	66 U
Hexachlorobutadiene	EPA 8270C	6,380		65 U	66 U		64 U	66 U	66 U	65 U													64 U	66 U
2-Methylnaphthalene	EPA 8270C			65 U	66 U		64 U	66 U	66 U	65 U													64 U	66 U
Acenaphthylene	EPA 8270C			65 U	66 U		64 U	66 U	66 U	65 U													64 U	66 U
Acenaphthene	EPA 8270C	32,400		65 U	66 U		64 U	66 U	66 U	65 U													64 U	66 U
Phenanthrene	EPA 8270C			65 U	66 U		64 U	66 U	66 U	65 U													64 U	66 U
Anthracene	EPA 8270C	6,080,000		65 U	66 U		64 U	66 U	66 U	65 U													64 U	66 U
Di-n-Butylphthalate	EPA 8270C	50,900		65 U	66 U		64 U	66 U	66 U	65 U													64 U	66 U
Fluoranthene	EPA 8270C	44,000		65 U	66 U		64 U	66 U	66 U	65 U													64 U	66 U
Pyrene	EPA 8270C	1,750,000		65 U	66 U		64 U	66 U	66 U	65 U													64 U	66 U
Benzo(a)anthracene	EPA 8270C	41.9		65 U	66 U		64 U	66 U	66 U	65 U													64 U	66 U
bis(2-Ethylhexyl)phthalate	EPA 8270C	1,570		65 U	66 U		64 U	66 U	66 U	65 U													64 U	66 U
Chrysene	EPA 8270C	46.6		65 U	66 U		64 U	66 U	66 U	65 U													64 U	66 U
Benzo(b)fluoranthene	EPA 8270C	144		65 U	66 U		64 U	66 U	66 U	65 U													64 U	66 U
Benzo(k)fluoranthene	EPA 8270C	144		65 U	66 U		64 U	66 U	66 U	65 U													64 U	66 U
Benzo(a)pyrene	EPA 8270C	113		65 U	66 U		64 U	66 U	66 U	65 U													64 U	66 U
Indeno(1,2,3-cd)pyrene	EPA 8270C	406		65 U	66 U		64 U	66 U	66 U	65 U													64 U	66 U
Dibenz(a,h)anthracene	EPA 8270C	210		65 U	66 U		64 U	66 U	66 U	65 U													64 U	66 U
Benzo(g,h,i)perylene	EPA 8270C			65 U	66 U		64 U	66 U	66 U	65 U													64 UJ	66 UJ
Naphthalene	EPA 8270SIM	24,800		6.5 U	6.6 U		6.4 U	6.6 U	6.6 U	6.5 U													6.4 U	6.6 U
2-Methylnaphthalene	EPA 8270SIM			6.5 U	6.6 U		6.4 U	6.6 U	6.6 U	6.5 U													6.4 U	6.6 U
Acenaphthylene	EPA 8270SIM			6.5 U	6.6 U		6.4 U	6.6 U	6.6 U	6.5 U													6.4 U	6.6 U
Acenaphthene	EPA 8270SIM	32,400		6.5 U	6.6 U		6.4 U	6.6 U	6.6 U	6.5 U													6.4 U	6.6 U
Phenanthrene	EPA 8270SIM			7.8	11		6.4 U	9.9	6.6 U	6.5 U													6.4 U	8.6
Anthracene	EPA 8270SIM	6,080,000		6.5 U	6.6 U		6.4 U	6.6 U	6.6 U	6.5 U													6.4 U	6.6 U
Fluoranthene	EPA 8270SIM	44,000		13	21		6.4 U	6.6 U	6.6 U	6.5 U													6.4 U	6.6 U
Pyrene	EPA 8270SIM	1,750,000		16	18		6.4 U	6.6	6.6 U	6.5 U													6.4 U	6.6 U
Benzo(a)anthracene	EPA 8270SIM	41.9		9.1	7.3		6.4 U	6.6 U	6.6 U	6.5 U													6.4 U	6.6 U
Chrysene	EPA 8270SIM	46.6		12	8.6		6.4 U	6.6 U	6.6 U	6.5 U													6.4 U	6.6 U
Benzo(b)fluoranthene	EPA 8270SIM	144		15	7.9		6.4 U	6.6 U	6.6 U	6.5 U													6.4 U	6.6 U
Benzo(k)fluoranthene	EPA 8270SIM	144		15	5.3 J		6.4 U	6.6 U	6.6 U	6.5 U													6.4 U	6.6 U
Benzo(a)pyrene	EPA 8270SIM	113		9.7	6.6 U		6.4 U	6.6 U	6.6 U	6.5 U													6.4 U	22
Indeno(1,2,3-cd)pyrene	EPA 8270SIM	406		6.5 U	6.6 U		6.4 U	6.6 U	6.6 U	6.5 U													6.4 U	6.6 U
Dibenz(a,h)anthracene	EPA 8270SIM	210		6.5 U	6.6 U		6.4 U	6.6 U	6.6 U	6.5 U													6.4 U	6.6 U
Benzo(g,h,i)perylene	EPA 8270SIM			6.5 U	6.6 U		6.4 U	6.6 U	6.6 U	6.5 U													6.4 U	6.6 U
SVOCs (µg/kg)																								
Aroclor 1254	EPA 8082	33		63	32 U		33 U	33 U	33 U	33 U	32 U	33 U	33 U	33 U	33 U	33 U	33 U	33 U	32 U	33 U	32 U	32 U	33 U	33 U
Aroclor 1260	EPA 8082	33		41	32 U		33 U	33 U	33 U	33 U	32 U	33 U	33 U	33 U	33 U	33 U	33 U	33 U	32 U	33 U	32 U	32 U	33 U	33 U
Total PCB	EPA 8082	33		104	32 U		33 U	33 U	33 U	33 U	32 U	33 U	33 U	33 U	33 U	33 U	33 U	33 U	32 U	33 U	32 U	32 U	33 U	33 U
Inorganics (mg/kg)																								
Aluminum	EPA 6010B			10800	17200		16500	8840	10400	8400	9950	8560	11900	7630	8110	11400	7790	8320	8650	8730	8500	11900	7870	8400
Arsenic	EPA 6010B	7.3		6 U	8		7 U	6 U	6 U	6 U	5 U	5 U	6 U	5 U	5 U	6	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U
Beryllium	EPA 6010B	222		0.1	0.3		0.2	0.1 U	0.1 U	0.1 U	0.12	0.1 U	0.2	0.1	0.1	0.2	0.1 U	0.1 U	0.1 U	0.11	0.1 U	0.1	0.1	0.1
Cadmium	EPA 6010B	1.21		0.8	0.3 U		0.3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chromium	EPA 6010B			15 J	19.5 J		15.8 J	10.1	11.4	10.5	13.4	10.9	17.1	13.5	11.7	13.7	12.2	14.3	12.9	11.4	10.6	13	12.5	10.3
Copper	EPA 6010B	36.4		25.3	32		25.4	12.2	13.7	13.1	13.1	11.6	22	9	9.4	23.8	11.7	9.9	9.9	12.2	9.2	14.2	9.5	13
Lead	EPA 6010B	1,000		9	11		4	2 U	3	2 U	4	2	3	2 U	3	4	3	2	2 U	9	2 U	2 U	5	2 U
Magnesium	EPA 6010B			2980	4750		3580	1970	2290	1920	3130	2170	3500	2410	2630	3610	2650	2750	2380	3070	2500	2560	2540	1970
Manganese	EPA 6010B	1,146		148	184		230	72	85.2	174	156	83.7	138	118	123	174	134	124	108	165	122	135	123	89
Mercury	EPA 7471A	0.07		0.08	0.1		0.07 U	0.05 U	0.06 U	0.05 U	0.04 U	0.04 U	0.06 U	0.05 U	0.05	0.05 U	0.05 U	0.05 U	0.04 U	0.05 U	0.05 U	0.05 U	0.04 U	0.05 U
Nickel	EPA 6010B	47.8		12	15		12	6	9	7	12.3	7	11	8.3	8.2	11	8.6	9.5	8	10	7	9	8.6	8
Silver	EPA 6010B	0.323		2.1	0.4 U		0.4 U	0.3 U	0.4 U	0.3 U	0.3 U	0.3 U	0.4 U	0.3 U	0.3 U	0.4 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.4 U	0.3 U	0.3 U
Vanadium	EPA 6010B	56,100		42.5	58.7		49.1	40.2	38.9	43.5	41.1	37.5	52.5	38.7	37.1	50.5	38.5	41.8	38	43.2	40.1	48.8	42.1	35
Zinc	EPA 6010B	101		50.7	47		26.7	17.8	24.5	19.7	30.4	20.1	31.4	21.7	21.9	32.4	25.8	22.8	21.2	25.8	21.8	23.8	23.5	17.5
Petroleum Hydrocarbons (mg/kg)																								
TPH - Diesel Range	NWTPH-Dx	2,000																						
TPH - Motor Oil Range	NWTPH-Dx	2,000																						

Notes:
Re. = Reanalysis

Source: Environmental Partners, Inc.; Golder Associates, Inc. 2006.