Table 1

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

Constituent	Analytical Method	2004 GW Screening Level	Sample ID:	SY-DP-01-15	SY-DP-01-15-F	SY-DP-02-15	SY-DP-02-15-F	SY-DP-03-15	SY-DP-03-15-1	SY-DP-03-15-F	SY-DP-03-15-F-1	SY-DP-04-15	SY-DP-04-15-F	SY-DP-05-15	SY-DP-05-15-F	SY-DP-06-15	SY-DP-06-15-F	SY-DP-07-15	SY-DP-07-15-F	SY-DP-08-15
			Location:	DP-SY-01	DP-SY-01	DP-SY-02	DP-SY-02	DP-SY-03	DP-SY-03 Dup.	DP-SY-03	DP-SY-03 Dup.	DP-SY-04	DP-SY-04	DP-SY-05	DP-SY-05	DP-SY-06	DP-SY-06	DP-SY-07	DP-SY-07	DP-SY-08
			Depth (ft bgs):	15 - 15	15 - 15	15 - 15	15 - 15	15 - 15	15 - 15	15 - 15	15 - 15	15 - 15	15 - 15	15 - 15	15 - 15	15 - 15	15 - 15	15 - 15	15 - 15	15 - 15
			Sample Date:	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
VOCs (µg/L)																				
Vinyl Chloride	EPA 8260B	0.731		0.9		10		7.1	20			28		31		0.2 U		0.2 U		0.2 U
Chloroethane	EPA 8260B			0.2 U		0.2 U		0.2 U	1 U			1 U		1 U		0.2 U		0.2 U		0.2 U
Methylene Chloride	EPA 8260B	190		0.3 U		0.3 U		0.3 U	2 U			2 U		2 U		0.3 U		0.3 U		0.3 U
Acetone	EPA 8260B			1 R		1 R		1 R	5 R			5 U		5 U		1 R		1 R		1 R
Carbon Disulfide	EPA 8260B			0.2 U		0.2 U		0.2 U	1 U			1 U		1 U		0.2 U		0.2 U		0.2 U
1,1-Dichloroethene	EPA 8260B	0.382		0.2 U		0.2 U		0.2 U	1 U			1 U		1 U		0.2 U		0.2 U		0.2 U
1,1-Dichloroethane	EPA 8260B			2.4		8.6		0.5	1.4			1 U		1 U		0.2 U		0.2 U		0.2 U
trans-1,2-Dichloroethene	EPA 8260B	10000		0.2 U		1.4		0.4	1.2			1.4		1.7		0.2 U		0.2 U		0.2 U
cis-1,2-Dichloroethene	EPA 8260B	1550		0.2 U		2		0.7	2			3.8		8.3		0.3		0.2 U		0.4
Chloroform	EPA 8260B	56.1		0.2 U		0.2 U		0.2 U	1 U			1 U		1 U		0.2 U		0.2 U		0.2 U
1,2-Dichloroethane	EPA 8260B	11.7		0.2 U		0.2 U		0.2 U	1 U			1 U		1 U		0.2 U		0.2 U		0.2 U
2-Butanone	EPA 8260B			1 U		1 U		1 U	5 U			5 U		5 U		1 U		1 U		1 U
1,1,1-Trichloroethane	EPA 8260B	206000		0.2 U		0.2 U		0.2 U	1 U			1 U		1 U		0.2 U		0.2 U		0.2 U
Bromodichloromethane	EPA 8260B	5.52		0.2 U		0.2 U		0.2 U	1 U			1 U		1 U		0.2 U		0.2 U		0.2 U
Trichloroethene	EPA 8260B	0.302		0.2 U		0.2 U		0.2 U	1 U			1 U		1 U		0.2 U		0.2 U		0.2 U
Benzene	EPA 8260B	4.48		0.2 U		0.8		0.2 U	1 U			1 U		1 U		0.2 U		0.2 U		0.2 U
Methyl isobutyl ketone	EPA 8260B			1 R		1 U		1 U	5 U			5 U		5 U		1 U		1 U		1 U
Tetrachloroethene	EPA 8260B	0.822		0.2 U		0.2 U		0.2 U	1 U			1 U		1 U		0.2 U		0.2 U		0.2 U
Toluene	EPA 8260B	15000		0.2 U		0.2 U		0.2 U	1 U			1 U		1 U		0.2 U		0.2 U		0.2 U
Ethylbenzene	EPA 8260B	2100		0.2 U		0.2 U		0.2 U	1 U			1 U		1 U		0.2 U		0.2 U		0.2 U
Trichlorofluoromethane	EPA 8260B			0.2 U		0.2 U		0.2 U	1 U			1 U		1 U		0.2 U		0.2 U		0.2 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B			0.2 U		0.2 U		0.2 U	2 U			2 U		2 U		0.2 U		0.2 U		0.2 U
m,p-Xylene	EPA 8260B			0.4 U		0.4 U		0.4 U	1 U			1 U		1 U		0.4 U		0.4 U		0.4 U
o-Xylene	EPA 8260B			0.2 U		0.2 U		0.2 U	1 U			1 U		1 U		0.2 U		0.2 U		0.2 U
SVOCs (µg/L)																				
Phenol	EPA 8270C	275000		1 U		1 U		1 U	1 U			1 U		1 U		1 U		1 U		1 U
2-Methylphenol	EPA 8270C	10200		1 U		1 U		1 U	1 U			1 U		1 U		1 U		1 U		1 U
4-Methylphenol	EPA 8270C	1030		1 U		1 U		1 U	1 U			1 U		1 U		1 U		1 U		1 U
2,4-Dimethylphenol	EPA 8270C	273		1 U		1 U		1 U	1 U			1 U		1 U		1 U		1 U		1 U
Naphthalene	EPA 8270C	2440		1 U		1 U		1 U	1 U			1 U		1 U		1 U		1 U		1 U
4-Chloro-3-methylphenol	EPA 8270C	18300		5 U		5 U		5 U	5 U			5 U		5 U		5 U		5 U		5 U
Di-n-Butylphthalate	EPA 8270C	1440		1 U		1 U		1 U	1 U			1 U		1 U		1 U		1 U		1 U
Naphthalene	EPA 8270SIM	2440		0.1 U		0.1 U		0.1 U	0.1 U			0.1 U		0.1 U		0.1 U		0.1 U		0.1 U
Inorganics (Total) (µg/L)																				
Arsenic	EPA 200.8	0.2																		
Cadmium	EPA 6010B	8.8																		
Chromium	EPA 6010B																			
Copper	EPA 200.8	3.1																		
Lead	EPA 200.8	8.1																		
Manganese	EPA 6010B	100																		
Mercury	EPA 1631E	0.025																		
Nickel	EPA 200.8	8.2																		
Silver	EPA 200.8	1.9																		
Vanadium	EPA 6010B	2810																		
Zinc	EPA 6010B	81																		
Inorganics (Dissolved) (µg/L)																				
Arsenic	EPA 200.8	0.2			36.1		67			82.8	82.1		86.6		75.4		7.6 U		8.2 U	
Cadmium	EPA 6010B	8.8			2 U		2 U			2 U	2 U		2 U		2 U		2 U		2 U	
Chromium	EPA 6010B				5 U		5 U			5 U	5 U		5 U		5 U		5 U		5 U	
Chromium(VI)	A3500D	50		11 UJ		11 U		11 U	11 U			11 U		11 U						
Copper	EPA 200.8	3.1			0.5 U		0.5 U			0.5 U	0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
Lead	EPA 200.8	8.1			1 U		1 U			1 U	1 U		1 U		1 U		1 U		1 U	
Manganese	EPA 6010B	100			1250		4300			2310	2300		6930		4590		852		903	
Mercury	EPA 1631E	0.025			0.025 U		0.025 UJ			0.025 UJ	0.025 UJ		0.025 UJ		0.025 UJ		0.025 UJ		0.025 UJ	
Nickel	EPA 200.8	8.2			0.6		2.1			1.2	1.2		2.2		1.7		1.1		1.8	
Silver	EPA 200.8	1.9			0.2 U		0.2 U			0.2 U	0.2 U		0.2 U		0.2 U		0.2 U		0.2 U	
Vanadium	EPA 6010B	2810			13		7			10	10		6		8		3 U		3	
Zinc	EPA 6010B	81			11		20			6 U	6 U		24		23		8		8	
Petroleum Hydrocarbons (µg/L)																				
TPH - Diesel Range	NWTPH-Dx	500																		
TPH - Motor Oil Range	NWTPH-Dx	500																		

Notes:
Dup. = Duplicate analysis
Re. = Reanalysis
Re. Ex. = Reextraction

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

Table 1

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

Constituent	Analytical Method	2004 GW Screening Level	Sample ID:	SY-DP-08-15-F	SY-DP-09-15	SY-DP-09-15-F	SY-DP-10-18	SY-DP-10-18	SY-DP-10-18-F	SY-DP-11-17	SY-DP-11-17-F	SY-DP-12-15	SY-DP-12-15-F	SY-PL2-106A	SY-PL2-106A-F	SY-PL2-106B	SY-PL2-106B-F	SY-PL2-106C	SY-PL2-106C-F	SY-PL2-110C
			Location:	DP-SY-08	DP-SY-09	DP-SY-09	DP-SY-10	DP-SY-10 Re.	DP-SY-10	DP-SY-11	DP-SY-11	DP-SY-12	DP-SY-12	PL2-106A	PL2-106A	PL2-106B	PL2-106B	PL2-106C	PL2-106C	PL2-110C
			Depth (ft bgs):	15 - 15	15 - 15	15 - 15	18 - 18	18 - 18	18 - 18	17 - 17	17 - 17	15 - 15	15 - 15	8 - 28	8 - 28	39 - 49	39 - 49	82.5 - 92.5	82.5 - 92.5	82 - 92
			Sample Date:	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	3/14/2005	3/14/2005	3/14/2005	3/14/2005	3/14/2005	3/14/2005	3/16/2005
VOCs (µg/L)																				
Vinyl Chloride	EPA 8260B	0.731			0.2 U		0.6	2 U		0.8		2.5		14		0.2 U		0.2 UJ		0.2 UJ
Chloroethane	EPA 8260B				0.2 U		0.2 U	2 U		0.2 U		0.5		0.2 U		0.2 U		0.2 UJ		0.2 UJ
Methylene Chloride	EPA 8260B	190			0.3 U		0.3 U	3 U		0.3 U		0.3 U		0.3 U		0.3 U		0.3 UJ		0.3 UJ
Acetone	EPA 8260B				1 R		1 R	10 R		1 R		2.2 J		3 J		3.5 J		8.9 J		2.6 J
Carbon Disulfide	EPA 8260B				0.2 U		0.2 U	2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 UJ		0.2 UJ
1,1-Dichloroethene	EPA 8260B	0.382			0.2 U		0.4	2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 UJ		0.2 UJ
1,1-Dichloroethane	EPA 8260B				0.2 U		13	15		1.9		1.2		0.9		0.2 U		0.2 UJ		0.2 UJ
trans-1,2-Dichloroethene	EPA 8260B	10000			0.2 U		3.3	6.8		0.4		0.2 U		1.5		0.2 U		0.2 UJ		0.2 UJ
cis-1,2-Dichloroethene	EPA 8260B	1550			0.2 U		50 ES	83		1.1		0.6		4.2		0.2 U		0.2 UJ		0.2 UJ
Chloroform	EPA 8260B	56.1			0.2 U		0.2 U	2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 UJ		0.2 UJ
1,2-Dichloroethane	EPA 8260B	11.7			0.2 U		0.2 U	2 U		0.2 U		0.2 U		0.3		0.4		0.2 UJ		0.2 UJ
2-Butanone	EPA 8260B				1 U		1 U	10 U		1 U		1 U		1 U		1 U		1 UJ		1 UJ
1,1,1-Trichloroethane	EPA 8260B	206000			0.2 U		0.2 U	2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 UJ		0.2 UJ
Bromodichloromethane	EPA 8260B	5.52			0.2 U		0.2 U	2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 UJ		0.2 UJ
Trichloroethene	EPA 8260B	0.302			0.2 U		15	20		0.2 U		0.2 U		3		0.2 U		0.2 UJ		0.2 UJ
Benzene	EPA 8260B	4.48			0.2 U		0.2 U	2 U		0.3		0.2 U		0.3		0.2 U		0.2 UJ		0.2 UJ
Methyl isobutyl ketone	EPA 8260B				1 R		1 R	10 R		1 R		1 R		1 R		1 R		1 R		1 R
Tetrachloroethene	EPA 8260B	0.822			0.2 U		0.2 U	2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 UJ		0.2 UJ
Toluene	EPA 8260B	15000			0.2 U		0.2 U	2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 UJ		0.2 UJ
Ethylbenzene	EPA 8260B	2100			0.2 U		0.2 U	2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 UJ		0.2 J
Trichlorofluoromethane	EPA 8260B				0.2 U		0.2 U	2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 UJ		0.2 UJ
1,1,2-Trichlorotrifluoroethane	EPA 8260B				0.2 U		0.2 U	2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 UJ		0.2 UJ
m,p-Xylene	EPA 8260B				0.4 U		0.4 U	4 U		0.4 U		0.4 U		0.4 U		0.4 U		0.4 UJ		0.4 UJ
o-Xylene	EPA 8260B				0.2 U		0.2 U	2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 UJ		0.2 UJ
SVOCs (µg/L)																				
Phenol	EPA 8270C	275000			1 U															
2-Methylphenol	EPA 8270C	10200			1 U															
4-Methylphenol	EPA 8270C	1030			1 U															
2,4-Dimethylphenol	EPA 8270C	273			1 U															
Naphthalene	EPA 8270C	2440			1 U															
4-Chloro-3-methylphenol	EPA 8270C	18300			5 U															
Di-n-Butylphthalate	EPA 8270C	1440			1 U															
Naphthalene	EPA 8270SIM	2440			0.1 U															
Inorganics (Total) (µg/L)																				
Arsenic	EPA 200.8	0.2												38.4		0.5		4		4
Cadmium	EPA 6010B	8.8												2 U		2 U		4 U		2 U
Chromium	EPA 6010B													5 U		5 U		10 U		5 U
Copper	EPA 200.8	3.1												1.7		0.5		2 U		2 U
Lead	EPA 200.8	8.1												1 U		1 U		5 U		5 U
Manganese	EPA 6010B	100												1310		812		255		274
Mercury	EPA 1631E	0.025												0.025 U		0.025 U		0.025 UJ		0.025 U
Nickel	EPA 200.8	8.2												1.8		0.6		7		5
Silver	EPA 200.8	1.9												0.2 U		0.2 U		1 U		1 U
Vanadium	EPA 6010B	2810												8		3 U		6 U		4
Zinc	EPA 6010B	81												6 U		6 U		10 U		6 U
Inorganics (Dissolved) (µg/L)																				
Arsenic	EPA 200.8	0.2		3.4 U		20.8		9.4		85		15.8		35.1		0.6		4		
Cadmium	EPA 6010B	8.8		2 U		2 U		2 U		2 U		2 U		2 U		2 U		4 U		
Chromium	EPA 6010B			5 U		5 U		5 U		8		5 U		5 U		5 U		10 U		
Chromium(VI)	A3500D	50																		
Copper	EPA 200.8	3.1		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		1.2		0.5 U		2 U		
Lead	EPA 200.8	8.1		1 U		1 U		1 U		1 U		1 U		1 U		1 U		5 U		
Manganese	EPA 6010B	100		673		1780		2290		1260		2210		1440		1010		255		
Mercury	EPA 1631E	0.025		0.025 UJ		0.025 U		0.025 U		0.025 U		0.025 U		0.025 U		0.025 U		0.025 U		
Nickel	EPA 200.8	8.2		1.1		1		1.8		4.9		2.5		1.8		1.1		7		
Silver	EPA 200.8	1.9		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		0.2 U		1 U		
Vanadium	EPA 6010B	2810		7		6		3 U		37		15		9		3 U		6 U		
Zinc	EPA 6010B	81		7		15		15		45		21 U		6 U		34		10 U		
Petroleum Hydrocarbons (µg/L)																				
TPH - Diesel Range	NWTPH-Dx	500																		
TPH - Motor Oil Range	NWTPH-Dx	500																		

Notes:
Dup. = Duplicate analysis
Re. = Reanalysis
Re. Ex. = Reextraction

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

Table 1

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

Constituent	Analytical Method	2004 GW Screening Level	Sample ID:	SY-PL2-110C-F	SY-PL2-11156A-1	SY-PL2-11156A-F-1	SY-PL2-112A	SY-PL2-112A	SY-PL2-112A-F	SY-PL2-112B	SY-PL2-112B-F	SY-PL2-113A	SY-PL2-113A	SY-PL2-113A-F	SY-PL2-115A	SY-PL2-115A	SY-PL2-115A-F	SY-PL2-116A	SY-PL2-116A-F
			Location:	PL2-110C	PL2-156A Dup.	PL2-156A Dup.	PL2-112A	PL2-112A Re.	PL2-112A	PL2-112B	PL2-112B	PL2-113A	PL2-113A Re.	PL2-113A	PL2-115A	PL2-115A Re.	PL2-115A	PL2-116A	PL2-116A
			Depth (ft bgs):	82 - 92	6 - 16	6 - 16	8.5 - 18.5	8.5 - 18.5	8.5 - 18.5	40 - 50	40 - 50	8 - 18	8 - 18	8 - 18	7.5 - 17.7	7.5 - 17.7	7.5 - 17.7	7.5 - 17.8	7.5 - 17.8
			Sample Date:	3/16/2005	3/11/2005	3/11/2005	3/16/2005	3/16/2005	3/16/2005	3/16/2005	3/16/2005	3/16/2005	3/16/2005	3/16/2005	3/15/2005	3/15/2005	3/15/2005	3/16/2005	3/16/2005
VOCs (µg/L)																			
Vinyl Chloride	EPA 8260B	0.731			6.7		7.4	10 U		0.2 U		5.3	5.1		5.2	4.8		2.8	
Chloroethane	EPA 8260B				0.2 U		320 ES	590		0.2 U		0.5	1 U		0.2 U	1 U		0.2 U	
Methylene Chloride	EPA 8260B	190			0.3 U		0.3	20 U		0.3 U		0.3 U	2 U		0.3 U	2 U		0.3 U	
Acetone	EPA 8260B				2 J		13 J	50 R		1 R		2.1 J	5 R		2.3 J	5 R		2.6 J	
Carbon Disulfide	EPA 8260B				0.2 U		0.2 U	10 U		0.2 U		0.2 U	1 U		0.2 U	1 U		0.2 U	
1,1-Dichloroethene	EPA 8260B	0.382			0.2 U		1.9	10 U		0.2 U		1.3	1.1		0.2	1 U		0.2 U	
1,1-Dichloroethane	EPA 8260B				3.9		46 ES	66		0.2 U		30 E	32		1.2	1.1		0.6	
trans-1,2-Dichloroethene	EPA 8260B	10000			0.4		0.8	10 U		0.2 U		0.2 U	1 U		0.3	1 U		0.2 U	
cis-1,2-Dichloroethene	EPA 8260B	1550			0.5		15	12		0.2 U		3.9	3.7		46 E	49		1.5	
Chloroform	EPA 8260B	56.1			0.2 U		0.2 U	10 U		0.2 U		0.2	1 U		0.2	1 U		0.2 U	
1,2-Dichloroethane	EPA 8260B	11.7			0.2 U		0.6	10 U		0.2 U		0.2 U	1 U		0.2 U	1 U		0.2 U	
2-Butanone	EPA 8260B				1 U		8.4	50 U		1 U		1 U	5 U		1 U	5 U		1 U	
1,1,1-Trichloroethane	EPA 8260B	206000			0.2 U		1.3	10 U		0.2 U		0.3	1 U		0.7	1 U		0.2 U	
Bromodichloromethane	EPA 8260B	5.52			0.2 U		0.2 U	10 U		0.2 U		0.2 U	1 U		0.2 U	1 U		0.2 U	
Trichloroethene	EPA 8260B	0.302			0.4		2.6	10 U		0.2 U		17 E	13		74 ES	110		0.2 U	
Benzene	EPA 8260B	4.48			0.4		1	10 U		0.2 U		5.3	4.6		0.2 U	1 U		0.2 U	
Methyl isobutyl ketone	EPA 8260B				1 UJ		1.3 J	50 U		1 U		1 R	5 U		1 U	5 U		1 R	
Tetrachloroethene	EPA 8260B	0.822			0.2 U		3.8	10 U		0.2 U		1.2	1 U		0.2	1 U		0.2 U	
Toluene	EPA 8260B	15000			0.2 U		22 E	18		0.2 U		0.2 U	1 U		0.2 U	1 U		0.2 U	
Ethylbenzene	EPA 8260B	2100			0.2 U		1	10 U		0.2 U		0.2 U	1 U		0.2 U	1 U		0.2 U	
Trichlorofluoromethane	EPA 8260B				0.2 U		0.2 U	10 U		0.2 U		0.2 U	1 U		0.2 U	1 U		0.2 U	
1,1,2-Trichlorotrifluoroethane	EPA 8260B				0.2 U		2.2	20 U		0.2 U		0.3	2 U		0.2 U	2 U		0.2 U	
m,p-Xylene	EPA 8260B				0.4 U		3.8	10 U		0.4 U		0.4 U	1 U		0.4 U	1 U		0.4 U	
o-Xylene	EPA 8260B				0.2 U		1.8	10 U		0.2 U		0.2 U	1 U		0.2 U	1 U		0.2 U	
SVOCs (µg/L)																			
Phenol	EPA 8270C	275000			1 U		1 U	60 U				1 U			1 U			1 U	
2-Methylphenol	EPA 8270C	10200			1 U		4.2	60 U				1 U			1 U			1 U	
4-Methylphenol	EPA 8270C	1030			1 U		35	60 U				1 U			1 U			1 U	
2,4-Dimethylphenol	EPA 8270C	273			1 U		100 E	97				1 U			1 U			1 U	
Naphthalene	EPA 8270C	2440			1 U		1.4	60 U				1 U			1 U			1 U	
4-Chloro-3-methylphenol	EPA 8270C	18300			5 U		1500 E	2500				5 U			5 U			5 U	
Di-n-Butylphthalate	EPA 8270C	1440			1 U		5.3	60 U				1 U			1 U			1 U	
Naphthalene	EPA 8270SIM	2440			0.27 U		2 UJ	10 U				0.1 U			0.1 U			0.1 U	
Inorganics (Total) (µg/L)																			
Arsenic	EPA 200.8	0.2			104		63.7			0.8		7.1			0.8			22.4	
Cadmium	EPA 6010B	8.8			2 U		2 U			2 U		2 U			2 U			2 U	
Chromium	EPA 6010B				5 U		5 U			5 U		5 U			21			5 U	
Copper	EPA 200.8	3.1			1 U		2.9 U			8.4 U		1.8 U			4.3			0.5 U	
Lead	EPA 200.8	8.1			1 U		1 U			1 U		1 U			1 U			1 U	
Manganese	EPA 6010B	100			4630		2100			496		580			96			3830	
Mercury	EPA 1631E	0.025			0.025 U		0.025 U			0.025 U		0.025 U			0.025 U			0.025 U	
Nickel	EPA 200.8	8.2			1 U		3.4			9.5		4.3			1.5			0.5	
Silver	EPA 200.8	1.9			0.2 U		0.2 U			0.2 U		0.2 U			0.2 U			0.2 U	
Vanadium	EPA 6010B	2810			10		9			5		7			3			3 U	
Zinc	EPA 6010B	81			6 U		6			29		6 U			6 U			6 U	
Inorganics (Dissolved) (µg/L)																			
Arsenic	EPA 200.8	0.2		6		99.8			59.1		0.7			8.9			0.2 U		22.2
Cadmium	EPA 6010B	8.8		4 U		2 U			2 U		2 U			2 U			2 U		2 U
Chromium	EPA 6010B			10 U		5 U			5 U		5 U			5 U			6		5 U
Chromium(VI)	A3500D	50																	
Copper	EPA 200.8	3.1		2 U		0.5 U			0.5 U		0.5 U			0.5 U			1.3		0.5 U
Lead	EPA 200.8	8.1		5 U		1 U			1 U		1 U			1 U			1 U		1 U
Manganese	EPA 6010B	100		280		4890			2170		540			612			90		4200
Mercury	EPA 1631E	0.025		0.025 U		0.025 U			0.025 U		0.025 U			0.025 U			0.025 U		0.025 U
Nickel	EPA 200.8	8.2		5		1.1			2.2		2.4			3.8			1.2		0.6
Silver	EPA 200.8	1.9		1 U		0.2 U			0.2 U		0.2 U			0.2 U			0.2 U		0.2 U
Vanadium	EPA 6010B	2810		6 U		10			4		3 U			6			3 U		3 U
Zinc	EPA 6010B	81		10 U		6 U			6 U		6 U			6 U			6 U		6 U
Petroleum Hydrocarbons (µg/L)																			
TPH - Diesel Range	NWTPH-Dx	500					9800 E	8900				280			250 U			250 U	
TPH - Motor Oil Range	NWTPH-Dx	500					1300	2500 U				500 U			500 U			500 U	

Notes:
Dup. = Duplicate analysis
Re. = Reanalysis
Re. Ex. = Reextraction

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

Table 1

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

Constituent	Analytical Method	2004 GW Screening Level	Sample ID:	SY-PL2-117A	SY-PL2-117A	SY-PL2-117A-F	SY-PL2-120A	SY-PL2-120A-F	SY-PL2-151A	SY-PL2-151A-05202005	SY-PL2-151A-F	SY-PL2-151B	SY-PL2-151B-F	SY-PL2-151C	SY-PL2-151C-F	SY-PL2-152A	SY-PL2-152A-05202005	SY-PL2-152A-F
			Location:	PL2-117A	PL2-117A Re.	PL2-117A	PL2-120A	PL2-120A	PL2-151A	PL2-151A	PL2-151A	PL2-151B	PL2-151B	PL2-151C	PL2-151C	PL2-152A	PL2-152A	PL2-152A
			Depth (ft bgs):	7.9 - 17.9	7.9 - 17.9	7.9 - 17.9	8 - 18	8 - 18	6 - 16	6 - 16	6 - 16	45 - 50	45 - 50	75 - 80	75 - 80	6 - 16	6 - 16	6 - 16
			Sample Date:	3/16/2005	3/16/2005	3/16/2005	3/10/2005	3/10/2005	3/11/2005	5/20/2005	3/11/2005	3/11/2005	3/11/2005	3/11/2005	3/11/2005	3/15/2005	5/20/2005	3/15/2005
VOCs (µg/L)																		
Vinyl Chloride	EPA 8260B	0.731		4.3			0.2 U		0.2 U			0.2 U		0.2 U		2.9		
Chloroethane	EPA 8260B			0.4			0.2 U		0.2 U			0.2 U		0.2 U		0.2 U		
Methylene Chloride	EPA 8260B	190		0.3 U			0.3 U		0.3 U			0.3 U		0.3 U		0.3 U		
Acetone	EPA 8260B			3.1 J			1 R		1.8 J			5.4 J		1 R		1 R		
Carbon Disulfide	EPA 8260B			0.2 U			0.2 U		0.2 U			0.2 U		0.2 U		0.2 U		
1,1-Dichloroethene	EPA 8260B	0.382		0.2 U			0.2 U		0.2 U			0.2 U		0.2 U		0.2 U		
1,1-Dichloroethane	EPA 8260B			13			0.2 U		0.2 U			0.2 U		0.2 U		0.2 U		
trans-1,2-Dichloroethene	EPA 8260B	10000		0.2 U			0.2 U		0.2 U			0.2 U		0.2 U		1.1		
cis-1,2-Dichloroethene	EPA 8260B	1550		4.9			0.2		2.8			0.2 U		0.2 U		1.2		
Chloroform	EPA 8260B	56.1		0.2 U			0.2 U		0.2 U			0.2 U		0.2 U		0.2 U		
1,2-Dichloroethane	EPA 8260B	11.7		0.2 U			0.2 U		0.2 U			0.2 U		0.2 U		0.2 U		
2-Butanone	EPA 8260B			1 U			1 U		1 U			1 U		1 U		1 U		
1,1,1-Trichloroethane	EPA 8260B	206000		1			0.2 U		0.2 U			0.2 U		0.2 U		0.2 U		
Bromodichloromethane	EPA 8260B	5.52		0.2 U			0.2 U		0.2 U			0.2 U		0.2 U		0.2 U		
Trichloroethene	EPA 8260B	0.302		2.4			0.2 U		6.4			0.2 U		0.2 U		1.1		
Benzene	EPA 8260B	4.48		0.2 U			0.2 U		0.2 U			0.2 U		0.2 U		0.2 U		
Methyl isobutyl ketone	EPA 8260B			1 R			1 R		1 UJ			1 UJ		1 UJ		1 U		
Tetrachloroethene	EPA 8260B	0.822		0.2 U			0.2 U		0.2 U			0.2 U		0.2 U		0.2 U		
Toluene	EPA 8260B	15000		0.2 U			0.2 U		0.2 U			0.2 U		0.2 U		0.2 U		
Ethylbenzene	EPA 8260B	2100		0.2 U			0.2 U		0.2 U			0.2 U		0.2 U		0.2 U		
Trichlorofluoromethane	EPA 8260B			0.2 U			0.2 U		0.2 U			0.2 U		0.2 U		0.2 U		
1,1,2-Trichlorotrifluoroethane	EPA 8260B			0.2 U			0.2 U		0.2 U			0.2 U		0.2 U		0.2 U		
m,p-Xylene	EPA 8260B			0.4 U			0.4 U		0.4 U			0.4 U		0.4 U		0.4 U		
o-Xylene	EPA 8260B			0.2 U			0.2 U		0.2 U			0.2 U		0.2 U		0.2 U		
SVOCs (µg/L)																		
Phenol	EPA 8270C	275000		3.2	30 U		1 U			1 U							1 U	
2-Methylphenol	EPA 8270C	10200		3.6	30 U		1 U			1 U							1 U	
4-Methylphenol	EPA 8270C	1030		32	30 U		1 U			1 U							1 U	
2,4-Dimethylphenol	EPA 8270C	273		77	70		1 U			1 U							1 U	
Naphthalene	EPA 8270C	2440		1 U	30 U		1 U			1 U							1 U	
4-Chloro-3-methylphenol	EPA 8270C	18300		1000 E	1600		5 U			5 U							5 U	
Di-n-Butylphthalate	EPA 8270C	1440		1 U	30 U		1 U			1.4 U							1.6 U	
Naphthalene	EPA 8270SIM	2440		1.3 UJ	10 U		0.1 U			0.1 U							0.1 U	
Inorganics (Total) (µg/L)																		
Arsenic	EPA 200.8	0.2		55.3			46.7		5			4		6		0.4		
Cadmium	EPA 6010B	8.8		2			2 U		2 U			2 U		2 U		2 U		
Chromium	EPA 6010B			160			5 U		5 U			5 U		5 U		6		
Copper	EPA 200.8	3.1		52.4			3		1 U			1 U		2 U		2		
Lead	EPA 200.8	8.1		12			2 U		1 U			1 U		5 U		1 U		
Manganese	EPA 6010B	100		1780			937		811			839		764		475		
Mercury	EPA 1631E	0.025		0.0332			0.025 U		0.025 U			0.025 U		0.025 U		0.025 U		
Nickel	EPA 200.8	8.2		27.2			3		3			1 U		3		0.7		
Silver	EPA 200.8	1.9		0.2			0.5 U		0.2 U			0.2 U		1 U		0.2 U		
Vanadium	EPA 6010B	2810		104			6		3 U			3 U		5		3 U		
Zinc	EPA 6010B	81		215			6 U		6 U			6 U		6 U		19		
Inorganics (Dissolved) (µg/L)																		
Arsenic	EPA 200.8	0.2				40.3		3.8			4.5		4.4		5			0.4
Cadmium	EPA 6010B	8.8				2 U		2 U			2 U		2 U		2 U			2 U
Chromium	EPA 6010B					5 U		5 U			5 U		5 U		5 U			5 U
Chromium(VI)	A3500D	50						11 UJ			11 UJ							11 U
Copper	EPA 200.8	3.1				0.5 U		0.6			1		0.5 U		2 U			0.7
Lead	EPA 200.8	8.1				1 U		1 U			1 U		1 U		5 U			1 U
Manganese	EPA 6010B	100				1520		893			854		849		783			495
Mercury	EPA 1631E	0.025				0.025 U		0.025 U			0.025 U		0.025 U		0.025 U			0.025 U
Nickel	EPA 200.8	8.2				3.9		1.3			3		0.9		4			1.9
Silver	EPA 200.8	1.9				0.2 U		0.2 U			0.5 U		0.2 U		1 U			0.2 U
Vanadium	EPA 6010B	2810				3		3 U			3 U		3 U		5			3 U
Zinc	EPA 6010B	81				18		6 U			6 U		6 U		6 U			16
Petroleum Hydrocarbons (µg/L)																		
TPH - Diesel Range	NWTPH-Dx	500		380														
TPH - Motor Oil Range	NWTPH-Dx	500		500 U														

Notes:
Dup. = Duplicate analysis
Re. = Reanalysis
Re. Ex. = Reextraction

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

Table 1

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

Constituent	Analytical Method	2004 GW Screening Level	Sample ID:	SY-PL2-152B	SY-PL2-152B-F	SY-PL2-152C	SY-PL2-152C-F	SY-PL2-153A	SY-PL2-153A-F	SY-PL2-153B	SY-PL2-153B-F	SY-PL2-153C	SY-PL2-153C-F	SY-PL2-154A	SY-PL2-154A-F	SY-PL2-154B	SY-PL2-154B-F	SY-PL2-154C	SY-PL2-154C-F	SY-PL2-155A
			Location:	PL2-152B	PL2-152B	PL2-152C	PL2-152C	PL2-153A	PL2-153A	PL2-153B	PL2-153B	PL2-153C	PL2-153C	PL2-154A	PL2-154A	PL2-154B	PL2-154B	PL2-154C	PL2-154C	PL2-155A
			Depth (ft bgs):	45 - 50	45 - 50	80 - 85	80 - 85	6 - 16	6 - 16	45 - 50	45 - 50	80 - 85	80 - 85	6 - 16	6 - 16	45 - 50	45 - 50	80 - 85	80 - 85	6 - 16
			Sample Date:	3/15/2005	3/15/2005	3/15/2005	3/15/2005	3/9/2005	3/9/2005	3/9/2005	3/9/2005	3/9/2005	3/9/2005	3/10/2005	3/10/2005	3/10/2005	3/10/2005	3/10/2005	3/10/2005	3/14/2005
VOCs (µg/L)																				
Vinyl Chloride	EPA 8260B	0.731		0.2 U		0.2 UJ		1.2		0.2 UJ		0.2 UJ		2.9		0.2 U		0.2 UJ		4.7
Chloroethane	EPA 8260B			0.2 U		0.2 UJ		0.2 U		0.2 UJ		0.2 UJ		0.2 U		0.2 U		0.3 J		0.2 U
Methylene Chloride	EPA 8260B	190		0.3 U		0.3 UJ		0.3 U		0.3 UJ		0.3 UJ		0.3 U		0.3 U		0.3 UJ		0.3 U
Acetone	EPA 8260B			2.7 J		1 R		1 R		1 R		1 R		3.4 J		1 R		1 R		8.1 J
Carbon Disulfide	EPA 8260B			0.2 U		0.2 UJ		0.2 U		0.2 UJ		0.6 J		0.2 U		0.2 U		0.2 UJ		0.2 U
1,1-Dichloroethene	EPA 8260B	0.382		0.2 U		0.2 UJ		0.2 U		0.2 UJ		0.2 UJ		0.2 U		0.2 U		0.2 UJ		0.2 U
1,1-Dichloroethane	EPA 8260B			0.2 U		0.2 UJ		0.2 U		0.2 UJ		0.2 UJ		9		0.2 U		0.2 UJ		2.1
trans-1,2-Dichloroethene	EPA 8260B	10000		0.2 U		0.2 UJ		0.2		0.2 UJ		0.2 UJ		3.4		0.2 U		0.2 UJ		1.4
cis-1,2-Dichloroethene	EPA 8260B	1550		0.2 U		0.2 UJ		0.2 U		0.2 UJ		0.2 UJ		0.3		0.2 U		0.2 UJ		1.8
Chloroform	EPA 8260B	56.1		0.2 U		0.2 UJ		0.2 U		0.2 UJ		0.2 UJ		0.2 U		0.2 U		0.2 UJ		0.2 U
1,2-Dichloroethane	EPA 8260B	11.7		0.2 U		0.2 UJ		0.2 U		0.2 UJ		0.2 UJ		0.2 U		0.2 U		0.2 UJ		0.2 U
2-Butanone	EPA 8260B			1 U		1 UJ		1 U		1 UJ		1 UJ		1 U		1 U		1 UJ		1 U
1,1,1-Trichloroethane	EPA 8260B	206000		0.2 U		0.2 UJ		0.2 U		0.2 UJ		0.2 UJ		0.2 U		0.2 U		0.2 UJ		0.2 U
Bromodichloromethane	EPA 8260B	5.52		0.2 U		0.2 UJ		0.2 U		0.2 UJ		0.2 UJ		0.2 U		0.2 U		0.2 UJ		0.2 U
Trichloroethene	EPA 8260B	0.302		0.2 U		0.2 UJ		0.2 U		0.2 UJ		0.2 UJ		0.2 U		0.2 U		0.2 UJ		0.3
Benzene	EPA 8260B	4.48		0.2 U		0.2 UJ		0.2 U		0.2 UJ		0.2 UJ		0.2 U		0.2 U		0.2 UJ		0.8
Methyl isobutyl ketone	EPA 8260B			1 U		1 UJ		1 R		1 R		1 R		1 R		1 R		1 R		1 R
Tetrachloroethene	EPA 8260B	0.822		0.2 U		0.2 UJ		0.2 U		0.2 UJ		0.2 UJ		0.2 U		0.2 U		0.2 UJ		0.2 U
Toluene	EPA 8260B	15000		0.2		0.2 UJ		0.2 U		0.2 UJ		0.2 UJ		0.2 U		0.2 U		0.6 J		0.2 U
Ethylbenzene	EPA 8260B	2100		0.2 U		0.2 UJ		0.2 U		0.2 UJ		0.2 UJ		0.2 U		0.2 U		0.2 UJ		0.2 U
Trichlorofluoromethane	EPA 8260B			0.2 U		0.2 UJ		0.2 U		0.2 UJ		0.2 UJ		0.2 U		0.6		0.5 J		0.2 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B			0.2 U		0.2 UJ		0.2 U		0.2 UJ		0.2 UJ		0.2 U		0.2 U		0.2 UJ		0.2 U
m,p-Xylene	EPA 8260B			0.4 U		0.4 UJ		0.4 U		0.4 UJ		0.4 UJ		0.4 U		0.4 U		0.4 UJ		0.4 U
o-Xylene	EPA 8260B			0.2 U		0.2 UJ		0.2 U		0.2 UJ		0.2 UJ		0.2 U		0.2 U		0.2 UJ		0.2 U
SVOCs (µg/L)																				
Phenol	EPA 8270C	275000						1 U						1 U						1 U
2-Methylphenol	EPA 8270C	10200						1 U						1 U						1 U
4-Methylphenol	EPA 8270C	1030						1 U						1 U						1 U
2,4-Dimethylphenol	EPA 8270C	273						1 U						1 U						1 U
Naphthalene	EPA 8270C	2440						1 U						1 U						1 U
4-Chloro-3-methylphenol	EPA 8270C	18300						5 U						5 U						5 U
Di-n-Butylphthalate	EPA 8270C	1440						1 U						1 U						1 U
Naphthalene	EPA 8270SIM	2440						0.1 U						0.1 U						0.1 U
Inorganics (Total) (µg/L)																				
Arsenic	EPA 200.8	0.2		6.7		1.7		2.7		3		15		21.9		3.5		2 U		93.4
Cadmium	EPA 6010B	8.8		2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U
Chromium	EPA 6010B			5 U		13		22		5 U		5 U		5 U		5 U		5 U		5 U
Copper	EPA 200.8	3.1		0.5 U		0.9		4.2		1 U		1 U		2.8		0.5 U		2 U		1 U
Lead	EPA 200.8	8.1		1 U		1 U		1 U		2 U		2 U		1 U		1 U		5 U		1 U
Manganese	EPA 6010B	100		367		228		587		279		482		2170		366		338		3640
Mercury	EPA 1631E	0.025		0.025 U		0.025 U		0.025 U		0.025 U		0.025 U		0.025 U		0.025 U		0.025 U		0.025 U
Nickel	EPA 200.8	8.2		0.8		3.4		0.7		2		2		0.9		0.9		4		1 U
Silver	EPA 200.8	1.9		0.2 U		0.2 U		0.2 U		0.5 U		0.5 U		0.2 U		0.2 U		1 U		0.2 U
Vanadium	EPA 6010B	2810		3		6		32		4		5		12		3 U		5		19
Zinc	EPA 6010B	81		6 U		6 U		6 U		6 U		6 U		6 U		6 U		6 U		6 U
Inorganics (Dissolved) (µg/L)																				
Arsenic	EPA 200.8	0.2			6.8		1.4		2.4		3		16		21.3		3.2		2 U	
Cadmium	EPA 6010B	8.8			2 U		2 U		2 U		2 U		2 U		2 U		2 U		2 U	
Chromium	EPA 6010B				5 U		11		6		5 U		5 U		5 U		5 U		5 U	
Chromium(VI)	A3500D	50							11 UJ						12 J					
Copper	EPA 200.8	3.1			0.5 U		0.8		0.7		1 U		1 U		0.5 U		0.5 U		2 U	
Lead	EPA 200.8	8.1			1 U		1 U		1 U		2 U		2 U		1 U		1 U		5 U	
Manganese	EPA 6010B	100			389		239		594		273		472		2070		374		351	
Mercury	EPA 1631E	0.025			0.025 U		0.025 U		0.025 U		0.025 U		0.025 U		0.0604		0.025 U		0.025 U	
Nickel	EPA 200.8	8.2			0.9		3.1		0.6		2		2		0.8		0.9		4	
Silver	EPA 200.8	1.9			0.2 U		0.2 U		0.2 U		0.5 U		0.5 U		0.2 U		0.2 U		1 U	
Vanadium	EPA 6010B	2810			3		6		24		4		5		11		3 U		5	
Zinc	EPA 6010B	81			6 U		6 U		6 U		6 U		6 U		6 U		6 U		6 U	
Petroleum Hydrocarbons (µg/L)																				
TPH - Diesel Range	NWTPH-Dx	500																		
TPH - Motor Oil Range	NWTPH-Dx	500																		

Notes:
Dup. = Duplicate analysis
Re. = Reanalysis
Re. Ex. = Reextraction

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

Table 1

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

Constituent	Analytical Method	2004 GW Screening Level	Sample ID:	SY-PL2-155A-F	SY-PL2-155B	SY-PL2-155B-F	SY-PL2-155C	SY-PL2-155C-F	SY-PL2-156A	SY-PL2-156A-F	SY-PL2-601A	SY-PL2-601A-F	SY-PL2-601B	SY-PL2-601B-F	SY-PL2-602A	SY-PL2-602A-05202005	SY-PL2-602A-F	SY-PL2-602B	SY-PL2-602B-F
			Location:	PL2-155A	PL2-155B	PL2-155B	PL2-155C	PL2-155C	PL2-156A	PL2-156A	PL2-601A	PL2-601A	PL2-601B	PL2-601B	PL2-602A	PL2-602A	PL2-602A	PL2-602B	PL2-602B
			Depth (ft bgs):	6 - 16	45 - 50	45 - 50	80 - 85	80 - 85	6 - 16	6 - 16	5 - 20	5 - 20	45 - 50	45 - 50	6 - 21	6 - 21	6 - 21	44.5 - 49.5	44.5 - 49.5
			Sample Date:	3/14/2005	3/14/2005	3/14/2005	3/14/2005	3/14/2005	3/11/2005	3/11/2005	3/14/2005	3/14/2005	3/15/2005	3/15/2005	3/15/2005	5/20/2005	3/15/2005	3/15/2005	3/15/2005
VOCs (µg/L)																			
Vinyl Chloride	EPA 8260B	0.731			0.2 U		0.2 UJ		8.8		1.7		12		8.9			9.8	
Chloroethane	EPA 8260B				0.2 U		0.2 UJ		0.2 U		0.2 U		0.2 U		0.2 U			0.2 U	
Methylene Chloride	EPA 8260B	190			0.3 U		0.3 UJ		0.3 U		0.3 U		0.3 U		0.3 U			0.3 U	
Acetone	EPA 8260B				5.2 J		7.1 J		1.8 J		3.5 J		3.1 J		2.1 J			3.1 J	
Carbon Disulfide	EPA 8260B				0.2 U		0.2 UJ		0.2 U		0.2 U		1.7		0.2 U			0.2 U	
1,1-Dichloroethene	EPA 8260B	0.382			0.2 U		0.2 UJ		0.2 U		0.2 U		0.2 U		0.2 U			0.2 U	
1,1-Dichloroethane	EPA 8260B				0.2 U		0.2 UJ		4		0.2 U		0.2 U		0.2 U			0.2 U	
trans-1,2-Dichloroethene	EPA 8260B	10000			0.2 U		0.2 UJ		0.4		0.3		0.2 U		0.5			0.2 U	
cis-1,2-Dichloroethene	EPA 8260B	1550			0.2 U		0.2 UJ		0.6		6.3		0.2 U		0.9			0.2 U	
Chloroform	EPA 8260B	56.1			0.2 U		0.2 UJ		0.2 U		0.2 U		0.2		0.2 U			12	
1,2-Dichloroethane	EPA 8260B	11.7			0.2 U		0.2 UJ		0.2 U		0.2 U		0.4		0.2 U			0.2 U	
2-Butanone	EPA 8260B				1 U		1 UJ		1 U		1 U		1 U		1 U			1 U	
1,1,1-Trichloroethane	EPA 8260B	206000			0.2 U		0.2 UJ		0.2 U		0.2 U		0.2 U		0.2 U			0.2 U	
Bromodichloromethane	EPA 8260B	5.52			0.2 U		0.2 UJ		0.2 U		0.2 U		0.2 U		0.2 U			0.5	
Trichloroethene	EPA 8260B	0.302			0.2 U		0.2 UJ		0.4		5		0.2 U		0.7			0.6	
Benzene	EPA 8260B	4.48			0.2 U		0.2 UJ		0.4		0.2 U		0.2 U		2			0.2 U	
Methyl isobutyl ketone	EPA 8260B				1 R		1 R		1 UJ		1 UJ		1 U		1 U			1 U	
Tetrachloroethene	EPA 8260B	0.822			0.2 U		0.2 UJ		0.2 U		0.2 U		0.2 U		0.2 U			0.2 U	
Toluene	EPA 8260B	15000			0.2 U		0.2 UJ		0.2 U		0.2 U		0.2 U		0.2 U			0.2 U	
Ethylbenzene	EPA 8260B	2100			0.2 U		0.2 UJ		0.2 U		0.2 U		0.2 U		0.2 U			0.2 U	
Trichlorofluoromethane	EPA 8260B				0.2 U		0.2 UJ		0.2 U		0.2 U		0.2 U		0.2 U			0.2 U	
1,1,2-Trichlorotrifluoroethane	EPA 8260B				0.2 U		0.2 UJ		0.2 U		0.2 U		0.2 U		0.2 U			0.2 U	
m,p-Xylene	EPA 8260B				0.4 U		0.4 UJ		0.4 U		0.4 U		0.4 U		0.4 U			0.4 U	
o-Xylene	EPA 8260B				0.2 U		0.2 UJ		0.2 U		0.2 U		0.2 U		0.2 U			0.2 U	
SVOCs (µg/L)																			
Phenol	EPA 8270C	275000							1 U						1 U				
2-Methylphenol	EPA 8270C	10200							1 U						1 U				
4-Methylphenol	EPA 8270C	1030							1 U						1 U				
2,4-Dimethylphenol	EPA 8270C	273							1 U						1 U				
Naphthalene	EPA 8270C	2440							1 U						1 U				
4-Chloro-3-methylphenol	EPA 8270C	18300							5 U						5 U				
Di-n-Butylphthalate	EPA 8270C	1440							1 U						1 U				
Naphthalene	EPA 8270SIM	2440							0.36 U						0.1 U				
Inorganics (Total) (µg/L)																			
Arsenic	EPA 200.8	0.2			3.6		8		106		11.8		6.6		31.4			1.2	
Cadmium	EPA 6010B	8.8			2 U		4 U		2 U		2 U		2 U		2 U			2 U	
Chromium	EPA 6010B				5 U		10 U		5 U		5 U		5 U		5 U			5 U	
Copper	EPA 200.8	3.1			0.5 U		2 U		1 U		0.6		1.3		1.2			1	
Lead	EPA 200.8	8.1			1 U		5 U		1 U		1 U		1 U		1 U			1 U	
Manganese	EPA 6010B	100			516		396		4850		2130		412		3020			227	
Mercury	EPA 1631E	0.025			0.025 U		0.025 U		0.025 U		0.025 U		0.025 U		0.025 U			0.025 U	
Nickel	EPA 200.8	8.2			0.6		7		1 U		2.6		1.5		2.5			2.4	
Silver	EPA 200.8	1.9			0.2 U		1 U		0.2 U		0.2 U		0.2 U		0.2 U			0.2 U	
Vanadium	EPA 6010B	2810			3 U		6 U		10		3 U		3 U		4			4	
Zinc	EPA 6010B	81			6 U		10 U		6 U		6 U		7		10			953	
Inorganics (Dissolved) (µg/L)																			
Arsenic	EPA 200.8	0.2		94		3.3		9		98.8		12		6.6			30.3		1.1
Cadmium	EPA 6010B	8.8		2 U		2 U		4 U		2 U		2 U		2 U			2 U		2 U
Chromium	EPA 6010B			5 U		5 U		10 U		5 U		5 U		5 U			5 U		5 U
Chromium(VI)	A3500D	50		11 UJ						11 UJ									
Copper	EPA 200.8	3.1		0.8		0.5 U		2 U		0.5 U		0.5 U		0.5 U			0.8		0.5 U
Lead	EPA 200.8	8.1		1 U		1 U		5 U		1 U		1 U		1 U			1 U		1 U
Manganese	EPA 6010B	100		3800		530		427		4820		2400		442			3170		261
Mercury	EPA 1631E	0.025		0.025 U		0.025 U		0.025 U		0.025 U		0.025 U		0.025 U			0.025 U		0.025 U
Nickel	EPA 200.8	8.2		1		0.5		6		1		2.6		1.5			2.8		2.1
Silver	EPA 200.8	1.9		0.2 U		0.2 U		1 U		0.2 U		0.2 U		0.2 U			0.2 U		0.2 U
Vanadium	EPA 6010B	2810		18		3 U		6 U		10		3 U		3 U			4		3
Zinc	EPA 6010B	81		6 U		6 U		10 U		6 U		6 U		6 U			6 U		717
Petroleum Hydrocarbons (µg/L)																			
TPH - Diesel Range	NWTPH-Dx	500														260			
TPH - Motor Oil Range	NWTPH-Dx	500														500 U			

Notes:
Dup. = Duplicate analysis
Re. = Reanalysis
Re. Ex. = Reextraction

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