

Table 17
Fill Sample SVOC Concentrations vs. APCO

	Boring Top (ft) Bottom (ft)	APCO	A-1B		C-1A	C-6B		D-6A		E-3A		E-5A		E-5B			E-6B			F-3B	F-5B			F-6A	
			0.5	3.5		7.5	3	0.5	2.5	5	7	8	1	3.5	6	1	4	7.5	1		3	6	7		
			3.5	7.5	11.3	4	2.5	4.5	6.7	8	9	8.5	3.5	6	8.5	4	7	9	3	6	9.7	10.1			
2,4,5-TRICHLOROPHENOL																									
2,4-DICHLOROPHENOL																									
2,4-DINITROPHENOL																									
2-CHLOROPHENOL																									
2-METHYLNAPHTHALENE				<930	<880	<93	4800 J	<4600	3000. J		600. J	7400	8700 J	6600 J	17000 J	<4400	1100 J		<8700	<4400	16000 J		28000	<430	
2-NITROPHENOL																									
4-CHLORO-3-METHYLPHENOL																									
4-CHLOROANILINE																									
4-METHYLPHENOL																									
4-NITROPHENOL																									
ACENAPHTHENE			2500 J	<470	<440	49 J	20000	6500 J	14000	4600	63000	27000	28000	21000	36000	4900 J	2600 J		17000. J	9300 J	47000		71000	570. J	
ACENAPHTHYLENE			<2400	<470	<440	<46	<2200	<2300	520. J		<220	2300. J	<2300	<2200	2900 J	<2200	200 J		<4400	<2200	<2500		3400 J	<220	
ANTHRACENE ⁽¹⁾		4,200	110 J	<7	20 J	1.1 J	9800	2300	4900	1100	81	12000	10000	9400	19000	1500	1500 J		7600	4100 J	22000		40000	230	
BENZO(A)ANTHRACENE ⁽¹⁾		2,900	230 J	28 J	59 J	<1.2	18000	4000	5900	120. J	70	23000	26000	18000	22000	2600	2300 J		13000	6900	37000		58000	430	
BENZO(A)PYRENE ⁽¹⁾		3,900	200 J	37 J	75 J	<2.3	18000	3900	5200	76. J	75	20000	22000	14000	15000	2300	2100 J		9900	7000	27000		41000	420	
BENZO(B)FLUORANTHENE ⁽¹⁾		4,400	160 J	35 J	66 J	<3.5	13000	2800	4000	97. J	69. J	16000	17000	11000	12000	1700	1600 J		8500	5000	22000		33000	330	
BENZO(G,H,I)PERYLENE ⁽¹⁾		1,500	240 J	65 J	120 J	<3.5	21000	4700	5400	<39	98	19000	23000	14000	12000	2000	2300 J		8900	7700	27000		38000	450	
BENZO(K)FLUORANTHENE ⁽¹⁾		3,700	96 J	19 J	37 J	<1.2	8300	1800	2400	<39	34. J	9700	11000	6900	7600	1100	1000 J		5300	3100	14000		21000	200	
CHRYSENE ⁽¹⁾		3,600	220 J	31 J	67 J	<12	17000	3600	5400	150. J	75	22000	23000	16000	20000	2400	2200 J		11000	6300	34000		51000	380	
DIBENZO(A,H)ANTHRACENE ⁽¹⁾		9,000	<80	<16	<15	<1.2	2900	660	960	<39	8.6 J	3200	3500	2400	2800	260 J	350 J		800	1000	4000		6800	64	
DIBENZOFURAN																									
FLUORANTHENE ⁽¹⁾		7,600	620	62 J	170	<1.2	44000	9700	15000	590	200	60000	66000	45000	59000	6700	5900 J		37000	17000	98000		150000	970	
FLUORENE			<240	<47	<44	<4.6	4300	1200 J	3200	4500	140	6300	4900	5600	15000	820 J	710 J		2200. J	2100	10000		21000	120. J	
HEXACHLOROBENZENE																									
INDENO(1,2,3-CD)PYRENE ⁽¹⁾		1,700	<160	50 J	74 J	<3.5	14000	3600	4100	<39	58. J	14000	16000	9600	9100	1500	1600 J		5000	5400	19000		27000	320	
M-NITROANILINE																									
NAPHTHALENE			<2800	<540	<520	<54	2600 J	<2700	3100. J	<39	<250	5000	3300 J	3500 J	8700 J	<2500	550 J		<5100	<2600	6000 J		11000 J	<250	
NITROBENZENE																									
O-CRESOL																									
O-NITROANILINE																									
PENTACHLOROPHENOL																									
PHENANTHRENE ⁽¹⁾		4,200	500 J	34 J	100 J	3.6 J	33000	8200	17000	9500	160	46000	42000	35000	69000	5500	5100 J		30000	14000	82000		140000	740	
PHENOL																									
PYRENE ⁽¹⁾		5,800	520 J	76 J	170 J	<3.5	45000	9500	16000	490	<330	66000	54000	39000	51000	6600	5300 J		30000	16000	90000		140000	1100	

All units are ug/kg.

J: Estimated Concentration

(1): At least one result > APCO

Shade: result > APCO

<#: Not Detected at stated DL

Shade: result > APCO

<#: Not Detected at stated DL

Table 17
Fill Sample SVOC Concentrations vs. APCO

Boring Top (ft) Bottom (ft)	G-2B		H-1B		H-2B		H-3B		I-2B		I-3B		I-4A	I-4B		J-2B		J-3B		J-6B
	0.5	3.5	0.5	3.5	0.5	3.5	0.5	3.5	0.5	3.5	0.5	3.5	5.2	0.5	3.5	0.5	3	0.5	2.5	
	3.5	7	3.5	6.7	3.5	6.7	3.5	6.7	3.5	6.7	3.5	6.8	6.6	3.5	6.6	3	5.5	2.5	5.1	3.5
2,4,5-TRICHLOROPHENOL																				
2,4-DICHLOROPHENOL																				
2,4-DINITROPHENOL																				
2-CHLOROPHENOL																				
2-METHYLNAPHTHALENE	<4600	<4700	<4900	<5000	<5000	<4300	<17000	<1700	<18000		*<38000	<1900 J	<95	*<890000	<5000	*<890000	<4200	<35000	<18000	<1700
2-NITROPHENOL																				
4-CHLORO-3-METHYLPHENOL																				
4-CHLOROANILINE																				
4-METHYLPHENOL																				
4-NITROPHENOL																				
ACENAPHTHENE	5000 J	5100 J	2500 J	<2500	7600 J	6600 J		<850	<9000		<19000	1000 J	280. J	<45000	<2500	<44000	5400 J	35000 J	13000 J	<840
ACENAPHTHYLENE	<2300	<2300	<2400	<2500	<2500	<2100		<850	<9000		<19000	<930 J	<47	<45000	<2500	<44000	<2100	<18000	<8900	<840
ANTHRACENE ⁽¹⁾	4,200	1100	1200	230 J	98 J	2500		<13	2700		2400 J	210	11	33000	1100	25000 J	3300	9400	4900	62 J
BENZO(A)ANTHRACENE ⁽¹⁾	2,900	3500	1200	1400	340 J	4300		53 J	7100		7300	670	21	42000	1300	43000 J	6800	16000	11000	210
BENZO(A)PYRENE ⁽¹⁾	3,900	2900	1400	450 J	450 J	4000	<420	77 J	7900		8100	770	22	40000	1200	42000	6600	15000	12000	260 J
BENZO(B)FLUORANTHENE ⁽¹⁾	4,400	2900	1000	320 J	3100	3100	<560	69 J	5700		6300 J	590	16	27000	850	31000	5100	11000	8700	210 J
BENZO(G,H,I)PERYLENE ⁽¹⁾	1,500	4100	1800	660 J	7600	4700		130 J	9900		11000	990	22	41000	1200	49000	7900	17000	15000	350
BENZO(K)FLUORANTHENE ⁽¹⁾	3,700	1700	590	190 J	2900	1900	<280	36 J	3300		3600	340	9.7	17000	530	19000	3100	6900	5200	120 J
CHRYSENE ⁽¹⁾	3,600	3500	1300	380 J	6600	4200		52 J	6200		6900	660	21	35000	1100	40000	6300	15000	10000	200 J
DIBENZO(A,H)ANTHRACENE ⁽¹⁾	9,000	430	130 J	<84	660	790		<28	1200		1300 J	110 J	4.3 J	9500	260 J	6600	960	2700	1800	66 J
DIBENZOFURAN																				
FLUORANTHENE ⁽¹⁾	7,600	8500	2800	640	16000	11000		130	15000		16000	1500	49	97000	3100	110000	16000	45000	25000	510
FLUORENE		440 J	<240	<250	680 J	1900		<85	1700 J		2700 J	150 J	7.5 J	32000	1300 J	14000 J	1700	4400 J	2000 J	<84
HEXACHLOROBENZENE																				
INDENO(1,2,3-CD)PYRENE ⁽¹⁾	1,700	2800	970	370 J	5000	2900		82 J	6600		7200	590	15. J	31000	870	31000	5200	14000	10000	270 J
M-NITROANILINE																				
NAPHTHALENE		<2700	<2800	<2900	<2900	<2500		<990	<10000		<22000	<1100 J	<56	<52000	<2900	<52000	<2500	<20000	<10000	<980
NITROBENZENE																				
O-CRESOL																				
O-NITROANILINE																				
PENTACHLOROPHENOL																				
PHENANTHRENE ⁽¹⁾	4,200	4700	1200	390 J	8300	9800		57 J	8600		9900	960	37	110000	3700	93000 J	13000	36000	17000	280 J
PHENOL																				
PYRENE ⁽¹⁾	5,800	7700	2900	620 J	14000	9400		140 J	17000		16000	1700	58	100000	3300	110000	17000	43000	27000	550 J

All units are ug/kg.

J: Estimated Concentration

<#: Not Detected at stated DL

Shade: result > APCO

Table 17
Fill Sample SVOC Concentrations vs. APCO

	Boring Top (ft) Bottom (ft)	APCO	K-1A		K-1B	
			0	0.5	2.5	2.5
			6	2.5	4.5	4.5
2,4,5-TRICHLOROPHENOL		---	---	---	---	---
2,4-DICHLOROPHENOL		---	---	---	---	---
2,4-DINITROPHENOL		---	---	---	---	---
2-CHLOROPHENOL		---	---	---	---	---
2-METHYLNAPHTHALENE		---	<890	<4300	<4500	<4500
2-NITROPHENOL		---	---	---	---	---
4-CHLORO-3-METHYLPHENOL		---	---	---	---	---
4-CHLOROANILINE		---	---	---	---	---
4-METHYLPHENOL		---	---	---	---	---
4-NITROPHENOL		---	---	---	---	---
ACENAPHTHENE		---	2300 J	<2100	4000 J	4000 J
ACENAPHTHYLENE		---	<440	<2100	<2200	<2200
ANTHRACENE ⁽¹⁾		4,200	710 J	220 J	1000	1000
BENZO(A)ANTHRACENE ⁽¹⁾		2,900	2100 J	980	2700	2700
BENZO(A)PYRENE ⁽¹⁾		3,900	2200 J	1200	2300	2300
BENZO(B)FLUORANTHENE ⁽¹⁾		4,400	1800 J	910	1900	1900
BENZO(G,H,I)PERYLENE ⁽¹⁾		1,500	2900 J	1600	2300	2300
BENZO(K)FLUORANTHENE ⁽¹⁾		3,700	1100 J	530	1100	1100
CHRYSENE ⁽¹⁾		3,600	2200 J	1100	2700	2700
DIBENZO(A,H)ANTHRACENE ⁽¹⁾		9,000	330 J	160 J	320	320
DIBENZOFURAN		---	---	---	---	---
FLUORANTHENE ⁽¹⁾		7,600	4900 J	2200	7300	7300
FLUORENE		---	170 J	<210	560 J	560 J
HEXACHLOROBENZENE		---	---	---	---	---
INDENO(1,2,3-CD)PYRENE ⁽¹⁾		1,700	2100 J	950	1500	1500
M-NITROANILINE		---	---	---	---	---
NAPHTHALENE		---	<520	<2500	<2600	<2600
NITROBENZENE		---	---	---	---	---
O-CRESOL		---	---	---	---	---
O-NITROANILINE		---	---	---	---	---
PENTACHLOROPHENOL		---	---	---	---	---
PHENANTHRENE ⁽¹⁾		4,200	2700 J	1000	5300	5300
PHENOL		---	---	---	---	---
PYRENE ⁽¹⁾		5,800	5200 J	2100	6200	6200

All units are ug/kg.
J: Estimated Concentration

Table 17
Fill Sample SVOC Concentrations vs. APCO

	Boring Top (ft) Bottom (ft)	APCO		K-3A		K-5A	L-4A			M-1A	M-3A	SB-01	SB-02	SB-07	SB-08	SB-09	SB-16A	SB-16B		SB-17	SB-18
		0.2	3.2	6.2	0	0.5	4	8	1.5	0.5	0.5	2	0	0	0	0	0.5	0.5	3	0.5	0.5
		3.2	6.2	9.2	0.6	4	8	10.2	2.4	5.2	5	4	2	2	2	2	8	3	5	4.5	4
2,4,5-TRICHLOROPHENOL	---	---	---	---	---	---	---	---	---	---	---	<2000	<80	<720	<73	<78	---	---	---	---	---
2,4-DICHLOROPHENOL	---	---	---	---	---	---	---	---	---	---	---	<2000	<80	<720	<73	<78	---	---	---	---	---
2,4-DINITROPHENOL	---	---	---	---	---	---	---	---	---	---	---	<20000	<800	<7200	<730	<780	---	---	---	---	---
2-CHLOROPHENOL	---	---	---	---	---	---	---	---	---	---	---	<980	<40	<350	<36	<39	---	---	---	---	---
2-METHYLNAPHTHALENE	---	*<93000	*<92000	*<91000	<920	<880	<890	<980	<85	<890	<900	5600. J	610	<350	<36	<39	<4600	<4600	160000	<4600	<5300
2-NITROPHENOL	---	---	---	---	---	---	---	---	---	---	---	<2000	<80	<720	<73	<78	---	---	---	---	---
4-CHLORO-3-METHYLPHENOL	---	---	---	---	---	---	---	---	---	---	---	<2000	<80	<720	<73	<78	---	---	---	---	---
4-CHLOROANILINE	---	---	---	---	---	---	---	---	---	---	---	<980	<40	<350	<36	<39	---	---	---	---	---
4-METHYLPHENOL	---	---	---	---	---	---	---	---	---	---	---	<2000	<80	<720	<73	<78	---	---	---	---	---
4-NITROPHENOL	---	---	---	---	---	---	---	---	---	---	---	<4900	<200	<1800	<190	<200	---	---	---	---	---
ACENAPHTHENE	---	<47000	<46000	73000 J	<460	14000	120000	32000	<42	18000 J	26000	21000	2900	<350	<36	<39	32000	7700 J	69000	4100 J	7800 J
ACENAPHTHYLENE	---	<47000	<46000	<46000	<460	<440	<440	<490	<42	<440	<450	<980	52. J	<350	<36	<39	<2300	<2300	85000	<2300	<2600
ANTHRACENE ⁽¹⁾	4,200	9100	9700	33000	200	7100	78000	14000	4.6 J	7500 J	8200	46000	5800	940. J	43. J	<39	18000 J	3100	120000	1700	3400
BENZO(A)ANTHRACENE ⁽¹⁾	2,900	20000	18000	62000	350	11000	80000	16000	6.6 J	13000 J	*16000	*73000	*13000	4300	130. J	<39	20000 J	5500	89000	2400	3000
BENZO(A)PYRENE ⁽¹⁾	3,900	20000	19000	62000	370	8600	55000	12000	5.9 J	10000 J	14000	56000	11000	4700	150. J	<39	13000	4800	57000	2700	2200
BENZO(B)FLUORANTHENE ⁽¹⁾	4,400	15000 J	14000 J	47000	290	7300	48000	10000	7.1 J	8600 J	12000	70000	15000	6300	210. J	<39	12000	4000	44000	1900	1900
BENZO(G,H,I)PERYLENE ⁽¹⁾	1,500	24000	22000	71000	480	9200	54000	12000	8.7 J	10000 J	16000	35000	6000	3100. J	130. J	<39	14000 J	5200	46000	3400	1800
BENZO(K)FLUORANTHENE ⁽¹⁾	3,700	9200	8300	28000	170	4600	31000	6300	3.5 J	5300 J	7400	29000	6000	2500. J	76. J	<39	7200	2400	28000	1100	1100
CHRYSENE ⁽¹⁾	3,600	18000	16000	56000	330	9700	69000	14000	9.1 J	12000 J	14000	67000	12000	5000	150. J	<39	19000 J	5300	77000	2200	2900
DIBENZO(A,H)ANTHRACENE ⁽¹⁾	9,000	2800 J	3500 J	14000	75	1800	12000	2800	4 J	2000 J	2900	12000	2100	970. J	<36	<39	2100 J	680	12000	440	240 J
DIBENZOFURAN	---	---	---	---	---	---	---	---	---	---	---	---	1500	<350	<36	<39	---	---	---	---	---
FLUORANTHENE ⁽¹⁾	7,600	47000	39000	140000	840	28000	220000	42000	18	36000 J	39000	150000	25000	11000	260. J	48. J	80000 J	14000	290000	6300	11000
FLUORENE	---	4700 J	<4600	17000 J	95 J	3600	56000	12000	<4.2	2700 J	5300	21000	2800	400. J	<36	<39	4900 J	2300	170000	1500 J	3500
HEXACHLOROBENZENE	---	---	---	---	---	---	---	---	---	---	---	<980	<40	<350	<36	<39	---	---	---	---	---
INDENO(1,2,3-CD)PYRENE ⁽¹⁾	1,700	16000	16000	50000	320	7300	47000	9300	7.5 J	7900	13000	40000	7500	3500. J	130. J	<39	9700 J	3400	36000 J	2300	1300
M-NITROANILINE	---	---	---	---	---	---	---	---	---	---	---	<2000	<80	<720	<73	<78	---	---	---	---	---
NAPHTHALENE	---	<54000	<54000	<53000	<540	<520	<520	4100	<49	<520 J	<530	8400. J	640	<350	<36	<39	4000 J	<2700	300000	3100 J	<3100
NITROBENZENE	---	---	---	---	---	---	---	---	---	---	---	<980	<40	<350	<36	<39	---	---	---	---	---
O-CRESOL	---	---	---	---	---	---	---	---	---	---	---	<980	72. J	<350	<36	<39	---	---	---	---	---
O-NITROANILINE	---	---	---	---	---	---	---	---	---	---	---	<980	<40	<350	<36	<39	---	---	---	---	---
PENTACHLOROPHENOL	---	---	---	---	---	---	---	---	---	---	---	<4900	<200	<1800	<190	<200	---	---	---	---	---
PHENANTHRENE ⁽¹⁾	4,200	35000	31000	100000	660	20000	240000	45000	23	25000 J	28000	170000	23000	7000	160. J	<39	19000 J	11000	460000	6600	14000
PHENOL	---	---	---	---	---	---	---	---	---	---	---	<2000	440	<720	<73	<78	---	---	---	---	---
PYRENE ⁽¹⁾	5,800	47000	43000	150000	830	24000	190000	36000	19 J	31000 J	35000	140000	23000	11000	270. J	42. J	74000 J	15000	240000	7100	11000

All units are ug/kg.

<#: Not Detected at stated DL

<#: Not Detected at stated DL

J: Estimated Concentration

Shade: result > APCO

Shade: result > APCO

Table 17
Fill Sample SVOC Concentrations vs. APCO

	Boring Top (ft) Bottom (ft)	APCO	SB-19	SB-20	SB-24	SB-25	SB-26	TP-01A	TP-02A	TP-02B	TP-03	TP-03
			0.5	0.5	0.5	0.5	0.5	4	4	4	0	2
			4	3	4	4	4	5	5	5	2	4
2,4,5-TRICHLOROPHENOL		---	---	---	---	---	---	<80	<780	<76	<730	<2000
2,4-DICHLOROPHENOL		---	---	---	---	---	---	<80	<780	<76	<730	<2000
2,4-DINITROPHENOL		---	---	---	---	---	---	<800	<7800	<760	<7300	<20000
2-CHLOROPHENOL		---	---	---	---	---	---	<39	<380	<37	<360	<960
2-METHYLNAPHTHALENE		<5400	2900 J	49000 J	<19000	66000	<39	660. J	<37	<37	460. J	<960
2-NITROPHENOL		---	---	---	---	---	---	<80	<780	<76	<730	<2000
4-CHLORO-3-METHYLPHENOL		---	---	---	---	---	---	<80	<780	<76	<730	<2000
4-CHLOROANILINE		---	---	---	---	---	---	<39	<380	<37	<360	<960
4-METHYLPHENOL		---	---	---	---	---	---	<80	<780	<76	<730	<2000
4-NITROPHENOL		---	---	---	---	---	---	<200	<2000	<190	<1900	<4800
ACENAPHTHENE		<2700	3100 J	67000	28000 J	60000	99. J	3700. J	<37	<37	2300. J	9400. J
ACENAPHTHYLENE		<2700	<930	<9700	<9700	<3900	<39	<380	<37	<37	<360	<960
ANTHRACENE ⁽¹⁾		4,200	820	1400	42000	11000	26000	220. J	7400	<37	3600. J	17000
BENZO(A)ANTHRACENE ⁽¹⁾		2,900	1400	3000	50000	26000	58000	870	19000	<37	7600	30000
BENZO(A)PYRENE ⁽¹⁾		3,900	1400	3200	52000	27000	15000	830	17000	<37	7000	28000
BENZO(B)FLUORANTHENE ⁽¹⁾		4,400	1000	2200	33000	18000	37000	1000	22000	<37	9300	34000
BENZO(G,H,J)PERYLENE ⁽¹⁾		1,500	1300	3200	55000	26000	52000	660	12000	<37	4700	18000
BENZO(K)FLUORANTHENE ⁽¹⁾		3,700	610	1300	21000	12000	24000	450	9100	<37	3400. J	14000
CHRYSENE ⁽¹⁾		3,600	1400	2500	43000	23000	51000	920	19000	<37	7400	29000
DIBENZO(A,H)ANTHRACENE ⁽¹⁾		9,000	240 J	440	6400	6600	8500	220 J	4100	<37	1500. J	5100. J
DIBENZOFURAN		---	---	---	---	---	---	<39	1900. J	<37	950. J	4100. J
FLUORANTHENE ⁽¹⁾		7,600	3800	6600	140000	63000	140000	1500	36000	<37	15000	70000
FLUORENE		---	520 J	560 J	20000	5300 J	13000	70. J	3600. J	<37	1900. J	8200. J
HEXACHLOROBENZENE		---	---	---	---	---	---	<39	<380	<37	<360	<960
INDENO(1,2,3-CD)PYRENE ⁽¹⁾		1,700	930	2300	650	23000	38000	720	13000	<37	5300	20000
M-NITROANILINE		---	---	---	---	---	---	<80	<780	<76	<730	<2000
NAPHTHALENE		---	<3200	<1100	<11000	<11000	<4500	<39	890. J	<37	560. J	1700. J
NITROBENZENE		---	---	---	---	---	---	<39	<380	<37	<360	<960
O-CRESOL		---	---	---	---	---	---	<39	<380	<37	<360	<960
O-NITROANILINE		---	---	---	---	---	---	<39	<380	<37	<360	<960
PENTACHLOROPHENOL		---	---	---	---	---	---	<200	<2000	<190	<1900	<4800
PHENANTHRENE ⁽¹⁾		4,200	2800	5100	140000	40000	90000	860	31000	<37	13000	68000
PHENOL		---	---	---	---	---	---	<80	<780	<76	<730	<2000
PYRENE ⁽¹⁾		5,800	4300	6900	140000	60000	130000	1600	36000	<37	15000	64000

All units are ug/kg.
J: Estimated Concentration