Table 2.2-4b
Groundwater Data Summary - SVOC Analyses
Former York Naval Ordnance Plant - York, PA

Location/ID Sample Date Parameter	PA MSC UA R (ug/L)	PA MSC UA NR (ug/L)	Federal MCL (ug/L)	EPA RSL (ug/L)	MW-1 3/28/00	MW-2 3/30/00	MW-3 4/3/00	MW-4 3/29/00	MW-5 3/24/00	MW-6 3/23/00	MW-7 4/5/00	MW-7 5/19/08	MW-8 4/4/00	MW-10 3/27/00	MW-12 4/3/00	MW-17 3/23/00	MW-19 4/3/00	MW-21 3/31/00	MW-22 3/29/00	MW-23 3/27/00	MW-24 3/31/00	MW-25 9/27/99	MW-25 3/23/00	MW-26 9/27/99	MW-26 4/3/00	MW-27 4/5/00
Semi Volatile Organic Compound																										
1,2,2,4-Tetrachlorobutane																										
1,2,3-Trimethylbenzene				10																						
1,2,4,5-Tetramethylbenzene																										
1,2,4-Trichlorobenzene	70	70	70	1.1								9.5 U										10 U		10 U		
1,2,4-Trimethylbenzene	15	62		15																						
1,2-Dichlorobenzene	600	600	600	300	2 U	2 U	2 U	2 U	2 U	2 U	20 U	9.5 U	20 U	2 U	2 U	2 U	20 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	20 U	2 U
1,3-Dichlorobenzene	600	600										9.5 U														
1,3-Diethylbenzene																										
1,4-Dichlorobenzene	75	75	75	0.48	2 U	2 U	2 U	2 U	2 U	2 U	20 U	9.5 U	20 U	2 U	2 U	2 U	20 U	2 U	2 U	2 U	2 U	10 U	2 U	10 U	20 U	2 U
1-Ethyl-2,4-Dimethylbenzene																										
1-Ethyl-2-Methylbenzene																										
1-Ethyl-3-Methylbenzene																										
1-Ethyl-4-Methylbenzene																										
1-Methylcyclohexanol																										
1-Methylcyclopentanol																										
2,2-Dimethyl-Aziridine																										
2,3-Bis(Methylene)Bicyclo(3.2.1)Octane																										
2,3-Dihydro-1-Methylindene																										
2,3-Dihydroinden-1-One																										
2,4,5-Trichlorophenol	3700	10000		1200								9.5 U										10 U		10 U		
2,4,6-Trichlorophenol	37	100		4								9.5 U										10 U		10 U		
2,4-Dichlorophenol	20	20		46								9.5 U										20 U		20 U		
2,4-Dimethylphenol	730	2000		360								9.5 U										10 U		10 U		
2,4-Dinitrophenol	73	200		39								48 U										50 U		50 U		
2,4-Dinitrotoluene	2.1	8.4		0.24								9.5 U										50 U		50 U		
2,6-Dinitrotoluene	37	100		0.048								9.5 U										50 U		50 U		
2-Chloronaphthalene	2900	8200		750								9.5 U										10 U		10 U		
2-Chlorophenol	40	40		91								9.5 U										10 U		10 U		
2-Ethyl-1,3-Dimethylbenzene																										
2-Methyl-2-Hexanol																										
2-Methyl-2-Pentanol																										
2-Methylbutane																										
2-Methylnaphthalene	150	410		36								9.5 U										10 U		10 U		
2-Methylphenol	1800	5100		930								9.5 U										10 U		10 U		
2-Nitroaniline	110	310		190								48 U										50 U		50 U		
2-Nitrophenol	290	820										9.5 U										20 U		20 U		
3-& 4-Methylphenol				180								9.5 U										20 U		20 U		
3,3'-Dichlorobenzidine	1.5	5.8		0.12								48 U										50 U		50 U		
3-Methyl-3-Hexanol																										
3-Methyl-3-Pentanol																										
3-Nitroaniline	11	31										48 U										20 U		20 U		
4,6-Dinitro-2-Methylphenol	3.7	10		1.5								48 U										50 U		50 U		
4-Bromophenyl phenyl ether												9.5 U										10 U		10 U		
4-Chloro-3-Methyl-Phenol	180	510		1400								9.5 U										20 U		20 U		
4-Chloroaniline	3.3	13		0.36								9.5 U										10 U		10 U		

Blank results = analyte not analyzed. U = Not detected. J = Organics; estimated. Inorganics; blank contamination. B = Organics; blank contamination. Inorganics; estimated. E = Inorganics: matrix interference. R= Result Rejected.

Table 2.2-4b
Groundwater Data Summary - SVOC Analyses
Former York Naval Ordnance Plant - York, PA

Location/ID Sample Date Parameter	PA MSC UA R (ug/L)	PA MSC UA NR (ug/L)	Federal MCL (ug/L)	EPA RSL (ug/L)	MW-1 3/28/00	MW-2 3/30/00	MW-3 4/3/00	MW-4 3/29/00	MW-5 3/24/00	MW-6 3/23/00	MW-7 4/5/00	MW-7 5/19/08	MW-8 4/4/00	MW-10 3/27/00	MW-12 4/3/00	MW-17 3/23/00	MW-19 4/3/00	MW-21 3/31/00	MW-22 3/29/00	MW-23 3/27/00	MW-24 3/31/00	MW-25 9/27/99	MW-25 3/23/00	MW-26 9/27/99	MW-26 4/3/00	MW-27 4/5/00
4-Chlorodiphenyl Ether												9.5 U										10 U		10 U		
4-Ethyl-1,2-Dimethylbenzene																										
4-Nitroaniline	33	130		3.8								48 U										50 U		50 U		
4-Nitrophenol	60	60										48 U										50 U		50 U		
Acenaphthene	2200	3800		530								9.5 U										10 U		10 U		
Acenaphthylene	2200	6100		530								9.5 U										10 U		10 U		
Alpha-Methylstyrene	2600	7200		780																						
Anthracene	66	66		1800								9.5 U										10 U		10 U		
Benzene, (2-Methyl-1-Propenyl)																										
Benzidine	0.00093	0.011		0.00011																						
Benzo (A) Anthracene	0.29	3.6	0.2	0.034								9.5 U										10 U		10 U		
Benzo (a) Pyrene	0.2	0.2	0.2	0.0034								9.5 U										10 U		10 U		
Benzo (b) Fluoranthene	0.29	1.2		0.034								9.5 U										10 U		10 U		
Benzo (b) Thiophene																										
Benzo (g,h,i) Perylene	0.26	0.26										9.5 U										10 U		10 U		
Benzo (k) Fluoranthene	0.55	0.55		0.34								9.5 U										10 U		10 U		
Benzofuran																										
Bis(2-Chloroethoxy) Methane	110	310		59								9.5 U										10 U		10 U		
Bis(2-Chloroethyl) Ether	0.15	0.76		0.014								9.5 U										10 U		10 U		
Bis(2-Chloroisopropyl) Ether	300	300		0.36								9.5 U										10 U		10 U		
Bis(2-Ethylhexyl) Phthalate	6	6	6	5.6								9.5 U										10 U		10 U		
Butylbenzylphthalate	350	1400		16								9.5 U										50 U		50 U		
Carbazole	33	130										9.5 U										10 U		10 U		
Chrysene	1.9	1.9		3.4								9.5 U										10 U		10 U		
Cyclohexane	13000	53000		13000																						
Dibenzo (a,h) Anthracene	0.029	0.36		0.0034								9.5 U										20 U		20 U		
Dibenzofuran	37	100		7.9								9.5 U										10 U		10 U		
Diethylphthalate	29000	82000		15000								9.5 U										10 U		10 U		
Dimethylphthalate												9.5 U										10 U		10 U		
Di-n-Butylphthalate	3700	10000		900								9.5 U										10 U		10 U		
Di-n-octylphthalate	1500	3000		200								9.5 U										10 U		10 U		
Fluoranthene	260	260		800								9.5 U										10 U		10 U		
Fluorene	1500	1900		290								9.5 U										10 U		10 U		
Hexachlorobenzene	1	1	1	0.049								9.5 U										20 U		20 U		
Hexachlorobutadiene	8.5	33		0.3								9.5 U										20 U		20 U		
Hexachlorocyclopentadiene	50	50	50	31								48 U										50 U		50 U		
Hexachloroethane	1	1		0.9								9.5 U										50 U		50 U		
Indane																										
Indeno (1,2,3-cd) Pyrene	0.29	3.6		0.034								9.5 U										20 U		20 U		
Isobutylene																										
Isophorone	100	100		78								9.5 U										10 U		10 U		
Methylcycloheptane																										
Naphthalene	100	100		0.17								9.5 U										10 U		10 U		
Nitrobenzene	73	200		0.14								9.5 U										10 U		10 U		
N-Nitrosodimethylamine	0.0014	0.018		0.00049																						
N-Nitrosodi-N-Propylamine	0.094	0.37		0.011								9.5 U										10 U		10 U		
N-Nitrosodiphenylamine	130	530		12								9.5 U										10 U		10 U		
o-Xylene	10000	10000	10000	190																						
Pentachlorophenol	1	1	1	0.04								48 U										50 U		50 U		
Phenanthrene	1100	1100										9.5 U										10 U		10 U		
Phenol	2000	2000		5800								9.5 U										20 U		20 U		
Pyrene	130	130		120								9.5 U										10 U		10 U		
SVOC Library Search																						0 U		0 U		

Blank results = analyte not analyzed. U = Not detected. J = Organics; estimated. Inorganics; blank contamination. B = Organics; blank contamination. Inorganics; estimated. E = Inorganics: matrix interference. R= Result Rejected.

Table 2.2-4b
Groundwater Data Summary - SVOC Analyses
Former York Naval Ordnance Plant - York, PA

Location/ID Sample Date Parameter	PA MSC UA R (ug/L)	PA MSC UA NR (ug/L)	Federal MCL (ug/L)	EPA RSL (ug/L)	MW-28 3/24/00	MW-28 5/8/08	MW-29 3/22/00	MW-30 3/22/00	MW-31D 4/3/00	MW-31S 3/24/00	MW-32D 4/6/00	MW-32D 5/8/08	MW-32D 10/2/08	MW-32S 4/6/00	MW-32S 5/13/08	MW-33 3/28/00	MW-34D 4/5/00	MW-34S 3/24/00	MW-35D 4/4/00	MW-36D 4/4/00	MW-36S 3/23/00	MW-37D 4/3/00	MW-37D 4/15/04	MW-37D 5/14/08
Semi Volatile Organic Compound																								
1,2,2,4-Tetrachlorobutane																								
1,2,3-Trimethylbenzene				10																				
1,2,4,5-Tetramethylbenzene																								
1,2,4-Trichlorobenzene	70	70	70	1.1		9.6 U						9.4 U	9.4 U		9.6 U								1.1 U	9.5 U
1,2,4-Trimethylbenzene	15	62		15																				
1,2-Dichlorobenzene	600	600	600	300	2 U	9.6 U	2 U	2 U	20 U	2 U	20 U	9.4 U	9.4 U	20 U	9.6 U	2 U	2 U	2 U	2 U	20 U	2 U	20 U	11 U	9.5 U
1,3-Dichlorobenzene	600	600				9.6 U						9.4 U	9.4 U		9.6 U								11 U	9.5 U
1,3-Diethylbenzene																								
1,4-Dichlorobenzene	75	75	75	0.48	2 U	9.6 U	2 U	2 U	20 U	2 U	20 U	9.4 U	9.4 U	20 U	9.6 U	2 U	2 U	2 U	2 U	20 U	2 U	20 U	11 U	9.5 U
1-Ethyl-2,4-Dimethylbenzene																								
1-Ethyl-2-Methylbenzene																								
1-Ethyl-3-Methylbenzene																								
1-Ethyl-4-Methylbenzene																								
1-Methylcyclohexanol																								
1-Methylcyclopentanol																								
2,2-Dimethyl-Aziridine																								
2,3-Bis(Methylene)Bicyclo(3.2.1)Octane																								
2,3-Dihydro-1-Methylindene																								
2,3-Dihydroinden-1-One																								
2,4,5-Trichlorophenol	3700	10000		1200		9.6 U						9.4 U	9.4 U		9.6 U									9.5 U
2,4,6-Trichlorophenol	37	100		4		9.6 U						9.4 U	9.4 U		9.6 U								11 U	9.5 U
2,4-Dichlorophenol	20	20		46		9.6 U						9.4 U	9.4 U		9.6 U								11 U	9.5 U
2,4-Dimethylphenol	730	2000		360		9.6 U						9.4 U	9.4 U		9.6 U								11 U	9.5 U
2,4-Dinitrophenol	73	200		39		48 U						47 U	47 U		48 U								42 U	48 U
2,4-Dinitrotoluene	2.1	8.4		0.24		9.6 U						9.4 U	9.4 U		9.6 U								2.1 U	9.5 U
2,6-Dinitrotoluene	37	100		0.048		9.6 U						9.4 U	9.4 U		9.6 U								2.1 U	9.5 U
2-Chloronaphthalene	2900	8200		750		9.6 U						9.4 U	9.4 U		9.6 U								11 U	9.5 U
2-Chlorophenol	40	40		91		9.6 U						9.4 U	9.4 U		9.6 U								11 U	9.5 U
2-Ethyl-1,3-Dimethylbenzene																								
2-Methyl-2-Hexanol																								
2-Methyl-2-Pentanol																								
2-Methylbutane																								
2-Methylnaphthalene	150	410		36		9.6 U						9.4 U	9.4 U		9.6 U									9.5 U
2-Methylphenol	1800	5100		930		9.6 U						9.4 U	9.4 U		9.6 U									9.5 U
2-Nitroaniline	110	310		190		48 U						47 U	47 U		48 U									48 U
2-Nitrophenol	290	820				9.6 U						9.4 U	9.4 U		9.6 U								11 U	9.5 U
3-& 4-Methylphenol				180		9.6 U						9.4 U	9.4 U		9.6 U									9.5 U
3,3'-Dichlorobenzidine	1.5	5.8		0.12		48 U						47 U	47 U		48 U								21 U	48 U
3-Methyl-3-Hexanol																								
3-Methyl-3-Pentanol																								
3-Nitroaniline	11	31				48 U						47 U	47 U		48 U									48 U
4,6-Dinitro-2-Methylphenol	3.7	10		1.5		48 U						47 U	47 U		48 U								42 U	48 U
4-Bromophenyl phenyl ether						9.6 U						9.4 U	9.4 U		9.6 U								11 U	9.5 U
4-Chloro-3-Methyl-Phenol	180	510		1400		9.6 U						9.4 U	9.4 U		9.6 U								11 U	9.5 U
4-Chloroaniline	3.3	13		0.36		9.6 U						9.4 U	9.4 U		9.6 U									9.5 U

Blank results = analyte not analyzed. U = Not detected. J = Organics; estimated. Inorganics; blank contamination. B = Organics; blank contamination. Inorganics; estimated. E = Inorganics: matrix interference. R= Result Rejected.

Table 2.2-4b
Groundwater Data Summary - SVOC Analyses
Former York Naval Ordnance Plant - York, PA

Location/ID Sample Date Parameter	PA MSC UA R (ug/L)	PA MSC UA NR (ug/L)	Federal MCL (ug/L)	EPA RSL (ug/L)	MW-28 3/24/00	MW-28 5/8/08	MW-29 3/22/00	MW-30 3/22/00	MW-31D 4/3/00	MW-31S 3/24/00	MW-32D 4/6/00	MW-32D 5/8/08	MW-32D 10/2/08	MW-32S 4/6/00	MW-32S 5/13/08	MW-33 3/28/00	MW-34D 4/5/00	MW-34S 3/24/00	MW-35D 4/4/00	MW-36D 4/4/00	MW-36S 3/23/00	MW-37D 4/3/00	MW-37D 4/15/04	MW-37D 5/14/08
4-Chlorodiphenyl Ether						9.6 U						9.4 U	9.4 U		9.6 U								11 U	9.5 U
4-Ethyl-1,2-Dimethylbenzene																								
4-Nitroaniline	33	130		3.8		48 U						47 U	47 U		48 U									48 U
4-Nitrophenol	60	60				48 U						47 U	47 U		48 U								42 U	48 U
Acenaphthene	2200	3800		530		9.6 U						9.4 U	9.4 U		9.6 U								11 U	9.5 U
Acenaphthylene	2200	6100		530		9.6 U						9.4 U	9.4 U		9.6 U								11 U	9.5 U
Alpha-Methylstyrene	2600	7200		780																				
Anthracene	66	66		1800		9.6 U						9.4 U	9.4 U		9.6 U								11 U	9.5 U
Benzene, (2-Methyl-1-Propenyl)																								
Benzidine	0.00093	0.011		0.00011																			42 U	
Benzo (A) Anthracene	0.29	3.6	0.2	0.034		9.6 U						9.4 U	9.4 U		9.6 U								1.1 U	9.5 U
Benzo (a) Pyrene	0.2	0.2	0.2	0.0034		9.6 U						9.4 U	9.4 U		9.6 U								1.1 U	9.5 U
Benzo (b) Fluoranthene	0.29	1.2		0.034		9.6 U						9.4 U	9.4 U		9.6 U								1.1 U	9.5 U
Benzo (b) Thiophene																								
Benzo (g,h,i) Perylene	0.26	0.26				9.6 U						9.4 U	9.4 U		9.6 U								11 U	9.5 U
Benzo (k) Fluoranthene	0.55	0.55		0.34		9.6 U						9.4 U	9.4 U		9.6 U								1.1 U	9.5 U
Benzofuran																								
Bis(2-Chloroethoxy) Methane	110	310		59		9.6 U						9.4 U	9.4 U		9.6 U								11 U	9.5 U
Bis(2-Chloroethyl) Ether	0.15	0.76		0.014		9.6 U						9.4 U	9.4 U		9.6 U								1.1 U	9.5 U
Bis(2-Chloroisopropyl) Ether	300	300		0.36		9.6 U						9.4 U	9.4 U		9.6 U								11 U	9.5 U
Bis(2-Ethylhexyl) Phthalate	6	6	6	5.6		9.6 U						2.1 J	9.4 U		9.6 U								4.7 JB	1.6 J
Butylbenzylphthalate	350	1400		16		9.6 U						9.4 U	9.4 U		9.6 U								11 U	9.5 U
Carbazole	33	130				9.6 U						9.4 U	9.4 U		9.6 U									9.5 U
Chrysene	1.9	1.9		3.4		9.6 U						9.4 U	9.4 U		9.6 U								11 U	9.5 U
Cyclohexane	13000	53000		13000																				
Dibenzo (a,h) Anthracene	0.029	0.36		0.0034		9.6 U						9.4 U	9.4 U		9.6 U								1.1 U	9.5 U
Dibenzofuran	37	100		7.9		9.6 U						9.4 U	9.4 U		9.6 U									9.5 U
Diethylphthalate	29000	82000		15000		9.6 U						9.4 U	9.4 U		9.6 U								11 U	9.5 U
Dimethylphthalate						9.6 U						9.4 U	9.4 U		9.6 U								11 U	9.5 U
Di-n-Butylphthalate	3700	10000		900		9.6 U						9.4 U	9.4 U		9.6 U								11 U	9.5 U
Di-n-octylphthalate	1500	3000		200		9.6 U						9.4 U	9.4 U		9.6 U								11 U	9.5 U
Fluoranthene	260	260		800		9.6 U						9.4 U	9.4 U		9.6 U								11 U	9.5 U
Fluorene	1500	1900		290		9.6 U						9.4 U	9.4 U		9.6 U								11 U	9.5 U
Hexachlorobenzene	1	1	1	0.049		9.6 U						9.4 U	9.4 U		9.6 U								1.1 U	9.5 U
Hexachlorobutadiene	8.5	33		0.3		9.6 U						9.4 U	9.4 U		9.6 U								2.1 U	9.5 U
Hexachlorocyclopentadiene	50	50	50	31		48 U						47 U	47 U		48 U								11 U	48 U
Hexachloroethane	1	1		0.9		9.6 U						9.4 U	9.4 U		9.6 U								1.1 U	9.5 U
Indane																								
Indeno (1,2,3-cd) Pyrene	0.29	3.6		0.034		9.6 U						9.4 U	9.4 U		9.6 U								1.1 U	9.5 U
Isobutylene																								
Isophorone	100	100		78		9.6 U						9.4 U	9.4 U		9.6 U								11 U	9.5 U
Methylcycloheptane																								
Naphthalene	100	100		0.17		9.6 U						9.4 U	9.4 U		9.6 U								11 U	9.5 U
Nitrobenzene	73	200		0.14		9.6 U						9.4 U	9.4 U		9.6 U								1.1 U	9.5 U
N-Nitrosodimethylamine	0.0014	0.018		0.00049																			11 U	
N-Nitrosodi-N-Propylamine	0.094	0.37		0.011		9.6 U						9.4 U	9.4 U		9.6 U								1.1 U	9.5 U
N-Nitrosodiphenylamine	130	530		12		9.6 U						9.4 U	9.4 U		9.6 U								11 U	9.5 U
o-Xylene	10000	10000	10000	190																				
Pentachlorophenol	1	1	1	0.04		48 U						47 U	47 U		48 U								42 U	48 U
Phenanthrene	1100	1100				9.6 U						9.4 U	9.4 U		9.6 U								11 U	9.5 U
Phenol	2000	2000		5800		9.6 U						9.4 U	9.4 U		9.6 U								11 U	9.5 U
Pyrene	130	130		120		9.6 U						9.4 U	9.4 U		9.6 U								11 U	9.5 U
SVOC Library Search																								

Blank results = analyte not analyzed. U = Not detected. J = Organics; estimated. Inorganics; blank contamination. B = Organics; blank contamination. Inorganics; estimated. E = Inorganics: matrix interference. R= Result Rejected.

Table 2.2-4b
Groundwater Data Summary - SVOC Analyses
Former York Naval Ordnance Plant - York, PA

Location/ID Sample Date Parameter	PA MSC UA R (ug/L)	PA MSC UA NR (ug/L)	Federal MCL (ug/L)	EPA RSL (ug/L)	MW-37D 10/1/08	MW-37S 4/3/00	MW-37S 4/15/04	MW-37S 5/14/08	MW-37S Dup 5/14/08	MW-37S 9/18/08	MW-38D 3/29/00	MW-38D 4/14/04	MW-38S 3/23/00	MW-39D 3/30/00	MW-40D 3/30/00	MW-40S 3/30/00	MW-41D 3/29/00	MW-41S 3/29/00	MW-42D 3/30/00	MW-42M 3/29/00	MW-42S 3/27/00	MW-43D 4/6/00	MW-43S 3/22/00
Semi Volatile Organic Compound																							
1,2,2,4-Tetrachlorobutane																							
1,2,3-Trimethylbenzene				10																			
1,2,4,5-Tetramethylbenzene																							
1,2,4-Trichlorobenzene	70	70	70	1.1	9.6 U		1 U	9.6 U	9.5 U	9.6 U		1.1 U											
1,2,4-Trimethylbenzene	15	62		15																			
1,2-Dichlorobenzene	600	600	600	300	9.6 U	20 U	10 U	9.6 U	9.5 U	9.6 U	2 U	11 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,3-Dichlorobenzene	600	600			9.6 U		10 U	9.6 U	9.5 U	9.6 U		11 U											
1,3-Diethylbenzene																							
1,4-Dichlorobenzene	75	75	75	0.48	9.6 U	20 U	10 U	9.6 U	9.5 U	9.6 U	2 U	11 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1-Ethyl-2,4-Dimethylbenzene																							
1-Ethyl-2-Methylbenzene																							
1-Ethyl-3-Methylbenzene																							
1-Ethyl-4-Methylbenzene																							
1-Methylcyclohexanol																							
1-Methylcyclopentanol																							
2,2-Dimethyl-Aziridine																							
2,3-Bis(Methylene)Bicyclo(3.2.1)Octane																							
2,3-Dihydro-1-Methylindene																							
2,3-Dihydroinden-1-One																							
2,4,5-Trichlorophenol	3700	10000		1200	9.6 U			9.6 U	9.5 U	9.6 U													
2,4,6-Trichlorophenol	37	100		4	9.6 U		10 U	9.6 U	9.5 U	9.6 U		11 U											
2,4-Dichlorophenol	20	20		46	9.6 U		10 U	9.6 U	9.5 U	9.6 U		11 U											
2,4-Dimethylphenol	730	2000		360	9.6 U		10 U	9.6 U	9.5 U	9.6 U		11 U											
2,4-Dinitrophenol	73	200		39	48 U		41 U	48 U	48 U	48 U		45 U											
2,4-Dinitrotoluene	2.1	8.4		0.24	9.6 U		2 U	9.6 U	9.5 U	9.6 U		2.2 U											
2,6-Dinitrotoluene	37	100		0.048	9.6 U		2 U	9.6 U	9.5 U	9.6 U		2.2 U											
2-Chloronaphthalene	2900	8200		750	9.6 U		10 U	9.6 U	9.5 U	9.6 U		11 U											
2-Chlorophenol	40	40		91	9.6 U		10 U	9.6 U	9.5 U	9.6 U		11 U											
2-Ethyl-1,3-Dimethylbenzene																							
2-Methyl-2-Hexanol																							
2-Methyl-2-Pentanol																							
2-Methylbutane																							
2-Methylnaphthalene	150	410		36	9.6 U			9.6 U	9.5 U	9.6 U													
2-Methylphenol	1800	5100		930	9.6 U			9.6 U	9.5 U	9.6 U													
2-Nitroaniline	110	310		190	48 U			48 U	48 U	48 U													
2-Nitrophenol	290	820			9.6 U		10 U	9.6 U	9.5 U	9.6 U		11 U											
3-& 4-Methylphenol				180	9.6 U			9.6 U	9.5 U	9.6 U													
3,3'-Dichlorobenzidine	1.5	5.8		0.12	48 U		20 U	48 U	48 U	48 U		22 U											
3-Methyl-3-Hexanol																							
3-Methyl-3-Pentanol																							
3-Nitroaniline	11	31			48 U			48 U	48 U	48 U													
4,6-Dinitro-2-Methylphenol	3.7	10		1.5	48 U		41 U	48 U	48 U	48 U		45 U											
4-Bromophenyl phenyl ether					9.6 U		10 U	9.6 U	9.5 U	9.6 U		11 U											
4-Chloro-3-Methyl-Phenol	180	510		1400	9.6 U		10 U	9.6 U	9.5 U	9.6 U		11 U											
4-Chloroaniline	3.3	13		0.36	9.6 U			9.6 U	9.5 U	9.6 U													

Blank results = analyte not analyzed. U = Not detected. J = Organics; estimated. Inorganics; blank contamination. B = Organics; blank contamination. Inorganics; estimated. E = Inorganics: matrix interference. R= Result Rejected.

Table 2.2-4b
Groundwater Data Summary - SVOC Analyses
Former York Naval Ordnance Plant - York, PA

Location/ID Sample Date Parameter	PA MSC UA R (ug/L)	PA MSC UA NR (ug/L)	Federal MCL (ug/L)	EPA RSL (ug/L)	MW-37D 10/1/08	MW-37S 4/3/00	MW-37S 4/15/04	MW-37S 5/14/08	MW-37S Dup 5/14/08	MW-37S 9/18/08	MW-38D 3/29/00	MW-38D 4/14/04	MW-38S 3/23/00	MW-39D 3/30/00	MW-40D 3/30/00	MW-40S 3/30/00	MW-41D 3/29/00	MW-41S 3/29/00	MW-42D 3/30/00	MW-42M 3/29/00	MW-42S 3/27/00	MW-43D 4/6/00	MW-43S 3/22/00
4-Chlorodiphenyl Ether					9.6 U		10 U	9.6 U	9.5 U	9.6 U		11 U											
4-Ethyl-1,2-Dimethylbenzene																							
4-Nitroaniline	33	130		3.8	48 U			48 U	48 U	48 U													
4-Nitrophenol	60	60			48 U		41 U	48 U	48 U	48 U		45 U											
Acenaphthene	2200	3800		530	9.6 U		10 U	9.6 U	9.5 U	9.6 U		11 U											
Acenaphthylene	2200	6100		530	9.6 U		10 U	9.6 U	9.5 U	9.6 U		11 U											
Alpha-Methylstyrene	2600	7200		780																			
Anthracene	66	66		1800	9.6 U		10 U	9.6 U	9.5 U	9.6 U		11 U											
Benzene, (2-Methyl-1-Propenyl)																							
Benzidine	0.00093	0.011		0.00011			41 U					45 U											
Benzo (A) Anthracene	0.29	3.6	0.2	0.034	9.6 U		1 U	9.6 U	0.6 J	9.6 U		1.1 U											
Benzo (a) Pyrene	0.2	0.2	0.2	0.0034	9.6 U		1 U	9.6 U	9.5 U	9.6 U		1.1 U											
Benzo (b) Fluoranthene	0.29	1.2		0.034	9.6 U		1 U	9.6 U	9.5 U	9.6 U		1.1 U											
Benzo (b) Thiophene																							
Benzo (g,h,i) Perylene	0.26	0.26			9.6 U		10 U	9.6 U	0.67 J	9.6 U		11 U											
Benzo (k) Fluoranthene	0.55	0.55		0.34	9.6 U		1 U	9.6 U	9.5 U	9.6 U		1.1 U											
Benzofuran																							
Bis(2-Chloroethoxy) Methane	110	310		59	9.6 U		10 U	9.6 U	9.5 U	9.6 U		11 U											
Bis(2-Chloroethyl) Ether	0.15	0.76		0.014	9.6 U		1 U	9.6 U	9.5 U	9.6 U		1.1 U											
Bis(2-Chloroisopropyl) Ether	300	300		0.36	9.6 U		10 U	9.6 U	9.5 U	9.6 U		11 U											
Bis(2-Ethylhexyl) Phthalate	6	6	6	5.6	9.6 U		10 U	9.6 U	9.5 U	9.6 U		3.2 J											
Butylbenzylphthalate	350	1400		16	9.6 U		10 U	9.6 U	9.5 U	9.6 U		11 U											
Carbazole	33	130			9.6 U			9.6 U	9.5 U	9.6 U													
Chrysene	1.9	1.9		3.4	9.6 U		10 U	9.6 U	0.7 J	9.6 U		11 U											
Cyclohexane	13000	53000		13000																			
Dibenzo (a,h) Anthracene	0.029	0.36		0.0034	9.6 U		1 U	9.6 U	0.79 J	9.6 U		1.1 U											
Dibenzofuran	37	100		7.9	9.6 U			9.6 U	9.5 U	9.6 U													
Diethylphthalate	29000	82000		15000	9.6 U		10 U	9.6 U	9.5 U	9.6 U		11 U											
Dimethylphthalate					9.6 U		10 U	9.6 U	9.5 U	9.6 U		11 U											
Di-n-Butylphthalate	3700	10000		900	9.6 U		10 U	9.6 U	9.5 U	9.6 U		11 U											
Di-n-octylphthalate	1500	3000		200	9.6 U		10 U	9.6 U	9.5 U	9.6 U		11 U											
Fluoranthene	260	260		800	9.6 U		10 U	9.6 U	9.5 U	9.6 U		11 U											
Fluorene	1500	1900		290	9.6 U		10 U	9.6 U	9.5 U	9.6 U		11 U											
Hexachlorobenzene	1	1	1	0.049	9.6 U		1 U	9.6 U	9.5 U	9.6 U		1.1 U											
Hexachlorobutadiene	8.5	33		0.3	9.6 U		2 U	9.6 U	9.5 U	9.6 U		2.2 U											
Hexachlorocyclopentadiene	50	50	50	31	48 U		10 U	48 U	48 U	48 U		11 U											
Hexachloroethane	1	1		0.9	9.6 U		1 U	9.6 U	9.5 U	9.6 U		1.1 U											
Indane																							
Indeno (1,2,3-cd) Pyrene	0.29	3.6		0.034	9.6 U		1 U	9.6 U	0.66 J	9.6 U		1.1 U											
Isobutylene																							
Isophorone	100	100		78	9.6 U		10 U	9.6 U	9.5 U	9.6 U		11 U											
Methylcycloheptane																							
Naphthalene	100	100		0.17	9.6 U		10 U	9.6 U	9.5 U	9.6 U		11 U											
Nitrobenzene	73	200		0.14	9.6 U		1 U	9.6 U	9.5 U	9.6 U		1.1 U											
N-Nitrosodimethylamine	0.0014	0.018		0.00049			10 U					11 U											
N-Nitrosodi-N-Propylamine	0.094	0.37		0.011	9.6 U		1 U	9.6 U	9.5 U	9.6 U		1.1 U											
N-Nitrosodiphenylamine	130	530		12	9.6 U		10 U	9.6 U	9.5 U	9.6 U		11 U											
o-Xylene	10000	10000	10000	190																			
Pentachlorophenol	1	1	1	0.04	48 U		41 U	48 U	48 U	48 U		45 U											
Phenanthrene	1100	1100			9.6 U		10 U	9.6 U	9.5 U	9.6 U		11 U											
Phenol	2000	2000		5800	9.6 U		10 U	9.6 U	9.5 U	9.6 U		11 U											
Pyrene	130	130		120	9.6 U		10 U	9.6 U	9.5 U	9.6 U		11 U											
SVOC Library Search																							

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Table 2.2-4b
Groundwater Data Summary - SVOC Analyses
Former York Naval Ordnance Plant - York, PA

Location/ID Sample Date Parameter	PA MSC UA R (ug/L)	PA MSC UA NR (ug/L)	Federal MCL (ug/L)	EPA RSL (ug/L)	MW-44 3/23/00	MW-45 3/23/00	MW-46 4/4/00	MW-46 5/19/08	MW-47 3/31/00	MW-49D 5/21/08	MW-49S 5/22/08	MW-49S 10/9/08	MW-50D 4/4/00	MW-50D Dup 4/4/00	MW-50D 5/22/08	MW-50D 10/7/08	MW-50S 4/6/00	MW-51D 4/6/00	MW-51S 4/5/00	MW-51S 5/20/08	MW-52 3/22/00	MW-53 3/22/00	MW-54 4/10/00	MW-54 5/27/08
Semi Volatile Organic Compound																								
1,2,2,4-Tetrachlorobutane																								
1,2,3-Trimethylbenzene				10																				
1,2,4,5-Tetramethylbenzene																								
1,2,4-Trichlorobenzene	70	70	70	1.1				9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
1,2,4-Trimethylbenzene	15	62		15																				
1,2-Dichlorobenzene	600	600	600	300	2 U	2 U	20 U	9.7 U	2 U	9.5 U	9.6 U	9.5 U	20 U	20 U	2.3 J	9.5 U	20 U	20 U	20 U	9.5 U	2 U	2 U	20 U	9.5 U
1,3-Dichlorobenzene	600	600						9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
1,3-Diethylbenzene																								
1,4-Dichlorobenzene	75	75	75	0.48	2 U	2 U	20 U	9.7 U	2 U	9.5 U	9.6 U	9.5 U	20 U	20 U	9.4 U	9.5 U	20 U	20 U	20 U	9.5 U	2 U	2 U	20 U	9.5 U
1-Ethyl-2,4-Dimethylbenzene																								
1-Ethyl-2-Methylbenzene																								
1-Ethyl-3-Methylbenzene																								
1-Ethyl-4-Methylbenzene																								
1-Methylcyclohexanol																								
1-Methylcyclopentanol																								
2,2-Dimethyl-Aziridine																								
2,3-Bis(Methylene)Bicyclo(3.2.1)Octane																								
2,3-Dihydro-1-Methylindene																								
2,3-Dihydroinden-1-One																								
2,4,5-Trichlorophenol	3700	10000		1200				9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
2,4,6-Trichlorophenol	37	100		4				9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
2,4-Dichlorophenol	20	20		46				9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
2,4-Dimethylphenol	730	2000		360				9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
2,4-Dinitrophenol	73	200		39				48 U		48 U	48 U	48 U			47 U	48 U				48 U				48 U
2,4-Dinitrotoluene	2.1	8.4		0.24				9.7 U		9.5 U	9.6 UJ	9.5 U			9.4 UJ	9.5 U				9.5 U				9.5 U
2,6-Dinitrotoluene	37	100		0.048				9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
2-Chloronaphthalene	2900	8200		750				9.7 U		9.5 U	9.6 U	9.5 U			0.42 J	9.5 U				9.5 U				9.5 U
2-Chlorophenol	40	40		91				9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
2-Ethyl-1,3-Dimethylbenzene																								
2-Methyl-2-Hexanol																								
2-Methyl-2-Pentanol																								
2-Methylbutane																								
2-Methylnaphthalene	150	410		36				9.7 U		9.5 U	9.6 U	9.5 U			0.54 J	9.5 U				9.5 U				9.5 U
2-Methylphenol	1800	5100		930				9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
2-Nitroaniline	110	310		190				48 U		48 U	48 U	48 U			47 U	48 U				48 U				48 U
2-Nitrophenol	290	820						9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
3-& 4-Methylphenol				180				9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
3,3'-Dichlorobenzidine	1.5	5.8		0.12				48 U		48 U	48 U	48 U			47 U	48 U				48 U				48 U
3-Methyl-3-Hexanol																								
3-Methyl-3-Pentanol																								
3-Nitroaniline	11	31						48 U		48 U	48 U	48 U			47 U	48 U				48 U				48 U
4,6-Dinitro-2-Methylphenol	3.7	10		1.5				48 U		48 U	48 U	48 U			47 U	48 U				48 U				48 U
4-Bromophenyl phenyl ether								9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
4-Chloro-3-Methyl-Phenol	180	510		1400				9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
4-Chloroaniline	3.3	13		0.36				9.7 U		9.5 U	24 B	9.5 U			22 B	9.5 U				9.5 U				9.5 U

Blank results = analyte not analyzed. U = Not detected. J = Organics; estimated. Inorganics; blank contamination. B = Organics; blank contamination. Inorganics; estimated. E = Inorganics: matrix interference. R= Result Rejected.

Table 2.2-4b
Groundwater Data Summary - SVOC Analyses
Former York Naval Ordnance Plant - York, PA

Location/ID Sample Date Parameter	PA MSC UA R (ug/L)	PA MSC UA NR (ug/L)	Federal MCL (ug/L)	EPA RSL (ug/L)	MW-44 3/23/00	MW-45 3/23/00	MW-46 4/4/00	MW-46 5/19/08	MW-47 3/31/00	MW-49D 5/21/08	MW-49S 5/22/08	MW-49S 10/9/08	MW-50D 4/4/00	MW-50D Dup 4/4/00	MW-50D 5/22/08	MW-50D 10/7/08	MW-50S 4/6/00	MW-51D 4/6/00	MW-51S 4/5/00	MW-51S 5/20/08	MW-52 3/22/00	MW-53 3/22/00	MW-54 4/10/00	MW-54 5/27/08
4-Chlorodiphenyl Ether								9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
4-Ethyl-1,2-Dimethylbenzene																								
4-Nitroaniline	33	130		3.8				48 U		48 U	48 U	48 U			47 U	48 U				48 U				48 U
4-Nitrophenol	60	60						48 U		48 U	48 U	48 U			47 U	48 U				48 U				48 U
Acenaphthene	2200	3800		530				9.7 U		9.5 U	9.6 U	9.5 U			0.62 J	9.5 U				9.5 U				9.5 U
Acenaphthylene	2200	6100		530				9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
Alpha-Methylstyrene	2600	7200		780																				
Anthracene	66	66		1800				9.7 U		9.5 U	9.6 U	9.5 U			0.56 J	9.5 U				9.5 U				9.5 U
Benzene, (2-Methyl-1-Propenyl)																								
Benzidine	0.00093	0.011		0.00011																				
Benzo (A) Anthracene	0.29	3.6	0.2	0.034				9.7 U		9.5 U	0.45 J	9.5 U			0.54 J	9.5 U				9.5 U				9.5 U
Benzo (a) Pyrene	0.2	0.2	0.2	0.0034				9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
Benzo (b) Fluoranthene	0.29	1.2		0.034				9.7 U		9.5 U	0.3 J	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
Benzo (b) Thiophene																								
Benzo (g,h,i) Perylene	0.26	0.26						9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
Benzo (k) Fluoranthene	0.55	0.55		0.34				9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
Benzofuran																								
Bis(2-Chloroethoxy) Methane	110	310		59				9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
Bis(2-Chloroethyl) Ether	0.15	0.76		0.014				9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
Bis(2-Chloroisopropyl) Ether	300	300		0.36				9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
Bis(2-Ethylhexyl) Phthalate	6	6	6	5.6				9.7 U		9.5 U	9.6 U	1.6 J			9.4 U	9.5 U				9.5 U				9.5 U
Butylbenzylphthalate	350	1400		16				9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
Carbazole	33	130						9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
Chrysene	1.9	1.9		3.4				9.7 U		9.5 U	9.6 U	9.5 U			0.71 J	9.5 U				9.5 U				9.5 U
Cyclohexane	13000	53000		13000																				
Dibenzo (a,h) Anthracene	0.029	0.36		0.0034				9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
Dibenzofuran	37	100		7.9				9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
Diethylphthalate	29000	82000		15000				9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
Dimethylphthalate								9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
Di-n-Butylphthalate	3700	10000		900				9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
Di-n-octylphthalate	1500	3000		200				9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
Fluoranthene	260	260		800				9.7 U		9.5 U	0.82 J	9.5 U			0.95 J	9.5 U				9.5 U				9.5 U
Fluorene	1500	1900		290				9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
Hexachlorobenzene	1	1	1	0.049				9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
Hexachlorobutadiene	8.5	33		0.3				9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
Hexachlorocyclopentadiene	50	50	50	31				48 U		48 U	48 U	48 U			47 U	48 U				48 U				48 U
Hexachloroethane	1	1		0.9				9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
Indane																								
Indeno (1,2,3-cd) Pyrene	0.29	3.6		0.034				9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
Isobutylene																								
Isophorone	100	100		78				9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
Methylcycloheptane																								
Naphthalene	100	100		0.17				9.7 U		9.5 U	0.42 J	9.5 U			0.51 J	9.5 U				9.5 U				9.5 U
Nitrobenzene	73	200		0.14				9.7 U		9.5 U	190	9.5 U			170	9.5 U				9.5 U				9.5 U
N-Nitrosodimethylamine	0.0014	0.018		0.00049																				
N-Nitrosodi-N-Propylamine	0.094	0.37		0.011				9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
N-Nitrosodiphenylamine	130	530		12				9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
o-Xylene	10000	10000	10000	190																				
Pentachlorophenol	1	1	1	0.04				48 U		48 U	3.7 J	48 U			47 U	48 U				48 U				48 U
Phenanthrene	1100	1100						9.7 U		9.5 U	1.2 J	9.5 U			1.4 J	9.5 U				9.5 U				9.5 U
Phenol	2000	2000		5800				9.7 U		9.5 U	9.6 U	9.5 U			9.4 U	9.5 U				9.5 U				9.5 U
Pyrene	130	130		120				9.7 U		9.5 U	9.6 U	9.5 U			0.6 J	9.5 U				9.5 U				9.5 U
SVOC Library Search																								

Blank results = analyte not analyzed. U = Not detected. J = Organics; estimated. Inorganics; blank contamination. B = Organics; blank contamination. Inorganics; estimated. E = Inorganics: matrix interference. R= Result Rejected.

Table 2.2-4b
Groundwater Data Summary - SVOC Analyses
Former York Naval Ordnance Plant - York, PA

Location/ID Sample Date Parameter	PA MSC UA R (ug/L)	PA MSC UA NR (ug/L)	Federal MCL (ug/L)	EPA RSL (ug/L)	MW-55 5/23/08	MW-55 10/8/08	MW-56 3/30/00	MW-57 4/3/00	MW-59 4/4/00	MW-60 4/4/00	MW-61D 3/23/00	MW-61S 3/22/00	MW-64D 4/6/00	MW-64S 4/10/00	MW-65D 9/7/99	MW-65D 3/27/00	MW-65S 9/1/99	MW-65S 4/4/00	MW-66D 9/9/99	MW-66D 3/28/00	MW-66S 9/1/99	MW-66S 3/28/00	MW-67D 9/7/99	MW-67D 3/29/00
Semi Volatile Organic Compound																								
1,2,2,4-Tetrachlorobutane																								
1,2,3-Trimethylbenzene				10																				
1,2,4,5-Tetramethylbenzene																								
1,2,4-Trichlorobenzene	70	70	70	1.1	9.8 U	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
1,2,4-Trimethylbenzene	15	62		15																				
1,2-Dichlorobenzene	600	600	600	300	2.6 J	10 U	2 U	2 U	2 U	20 U	2 U	2 U	20 U	10 U	10 U	2 U	10 U	2 U	10 U	2 U	10 U	2 U	10 U	2 U
1,3-Dichlorobenzene	600	600			9.8 U	10 U																		
1,3-Diethylbenzene																								
1,4-Dichlorobenzene	75	75	75	0.48	9.8 U	10 U	2 U	2 U	2 U	20 U	2 U	2 U	20 U	10 U	10 U	2 U	10 U	2 U	10 U	2 U	10 U	2 U	10 U	2 U
1-Ethyl-2,4-Dimethylbenzene																								
1-Ethyl-2-Methylbenzene																								
1-Ethyl-3-Methylbenzene																								
1-Ethyl-4-Methylbenzene																								
1-Methylcyclohexanol																								
1-Methylcyclopentanol																								
2,2-Dimethyl-Aziridine																								
2,3-Bis(Methylene)Bicyclo(3.2.1)Octane																								
2,3-Dihydro-1-Methylindene																								
2,3-Dihydroinden-1-One																								
2,4,5-Trichlorophenol	3700	10000		1200	9.8 U	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
2,4,6-Trichlorophenol	37	100		4	9.8 U	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
2,4-Dichlorophenol	20	20		46	9.8 U	10 U								20 U	20 U		20 U		20 U		20 U		20 U	
2,4-Dimethylphenol	730	2000		360	9.8 U	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
2,4-Dinitrophenol	73	200		39	49 U	50 U								50 U	50 U		50 U		50 U		50 U		50 U	
2,4-Dinitrotoluene	2.1	8.4		0.24	9.8 U	10 U								50 U	50 U		50 U		50 U		50 U		50 U	
2,6-Dinitrotoluene	37	100		0.048	9.8 U	10 U								50 U	50 U		50 U		50 U		50 U		50 U	
2-Chloronaphthalene	2900	8200		750	9.8 U	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
2-Chlorophenol	40	40		91	9.8 U	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
2-Ethyl-1,3-Dimethylbenzene																								
2-Methyl-2-Hexanol																								
2-Methyl-2-Pentanol																								
2-Methylbutane																								
2-Methylnaphthalene	150	410		36	9.8 U	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
2-Methylphenol	1800	5100		930	9.8 U	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
2-Nitroaniline	110	310		190	49 U	50 U								50 U	50 U		50 U		50 U		50 U		50 U	
2-Nitrophenol	290	820			9.8 U	10 U								20 U	20 U		20 U		20 U		20 U		20 U	
3-& 4-Methylphenol				180	9.8 U	10 U								20 U	20 U		20 U		20 U		20 U		20 U	
3,3'-Dichlorobenzidine	1.5	5.8		0.12	49 U	50 U								50 U	50 U		50 U		50 U		50 U		50 U	
3-Methyl-3-Hexanol																								
3-Methyl-3-Pentanol																								
3-Nitroaniline	11	31			49 U	50 U								20 U	20 U		20 U		20 U		20 U		20 U	
4,6-Dinitro-2-Methylphenol	3.7	10		1.5	49 U	50 U								50 U	50 U		50 U		50 U		50 U		50 U	
4-Bromophenyl phenyl ether					9.8 U	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
4-Chloro-3-Methyl-Phenol	180	510		1400	9.8 U	10 U								20 U	20 U		20 U		20 U		20 U		20 U	
4-Chloroaniline	3.3	13		0.36	26 B	10 U								10 U	10 U		10 U		10 U		10 U		10 U	

Blank results = analyte not analyzed. U = Not detected. J = Organics; estimated. Inorganics; blank contamination. B = Organics; blank contamination. Inorganics; estimated. E = Inorganics: matrix interference. R= Result Rejected.

Table 2.2-4b
Groundwater Data Summary - SVOC Analyses
Former York Naval Ordnance Plant - York, PA

Location/ID Sample Date Parameter	PA MSC UA R (ug/L)	PA MSC UA NR (ug/L)	Federal MCL (ug/L)	EPA RSL (ug/L)	MW-55 5/23/08	MW-55 10/8/08	MW-56 3/30/00	MW-57 4/3/00	MW-59 4/4/00	MW-60 4/4/00	MW-61D 3/23/00	MW-61S 3/22/00	MW-64D 4/6/00	MW-64S 4/10/00	MW-65D 9/7/99	MW-65D 3/27/00	MW-65S 9/1/99	MW-65S 4/4/00	MW-66D 9/9/99	MW-66D 3/28/00	MW-66S 9/1/99	MW-66S 3/28/00	MW-67D 9/7/99	MW-67D 3/29/00
4-Chlorodiphenyl Ether					9.8 U	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
4-Ethyl-1,2-Dimethylbenzene																								
4-Nitroaniline	33	130		3.8	49 U	50 U								50 U	50 U		50 U		50 U		50 U		50 U	
4-Nitrophenol	60	60			49 U	50 U								50 U	50 U		50 U		50 U		50 U		50 U	
Acenaphthene	2200	3800		530	9.8 U	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
Acenaphthylene	2200	6100		530	9.8 U	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
Alpha-Methylstyrene	2600	7200		780																				
Anthracene	66	66		1800	9.8 U	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
Benzene, (2-Methyl-1-Propenyl)																								
Benzidine	0.00093	0.011		0.00011																				
Benzo (A) Anthracene	0.29	3.6	0.2	0.034	9.8 U	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
Benzo (a) Pyrene	0.2	0.2	0.2	0.0034	9.8 U	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
Benzo (b) Fluoranthene	0.29	1.2		0.034	9.8 U	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
Benzo (b) Thiophene																								
Benzo (g,h,i) Perylene	0.26	0.26			9.8 U	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
Benzo (k) Fluoranthene	0.55	0.55		0.34	9.8 U	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
Benzofuran																								
Bis(2-Chloroethoxy) Methane	110	310		59	9.8 U	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
Bis(2-Chloroethyl) Ether	0.15	0.76		0.014	9.8 U	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
Bis(2-Chloroisopropyl) Ether	300	300		0.36	9.8 U	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
Bis(2-Ethylhexyl) Phthalate	6	6	6	5.6	9.8 U	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
Butylbenzylphthalate	350	1400		16	9.8 U	10 U								50 U	50 U		50 U		50 U		50 U		50 U	
Carbazole	33	130			9.8 U	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
Chrysene	1.9	1.9		3.4	9.8 U	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
Cyclohexane	13000	53000		13000																				
Dibenzo (a,h) Anthracene	0.029	0.36		0.0034	9.8 U	10 U								20 U	20 U		20 U		20 U		20 U		20 U	
Dibenzofuran	37	100		7.9	9.8 U	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
Diethylphthalate	29000	82000		15000	9.8 U	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
Dimethylphthalate					9.8 U	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
Di-n-Butylphthalate	3700	10000		900	9.8 U	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
Di-n-octylphthalate	1500	3000		200	9.8 U	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
Fluoranthene	260	260		800	0.95 J	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
Fluorene	1500	1900		290	9.8 U	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
Hexachlorobenzene	1	1	1	0.049	9.8 U	10 U								20 U	20 U		20 U		20 U		20 U		20 U	
Hexachlorobutadiene	8.5	33		0.3	9.8 U	10 U								20 U	20 U		20 U		20 U		20 U		20 U	
Hexachlorocyclopentadiene	50	50	50	31	49 U	50 U								50 U	50 U		50 U		50 U		50 U		50 U	
Hexachloroethane	1	1		0.9	9.8 U	10 U								50 U	50 U		50 U		50 U		50 U		50 U	
Indane																								
Indeno (1,2,3-cd) Pyrene	0.29	3.6		0.034	9.8 U	10 U								20 U	20 U		20 U		20 U		20 U		20 U	
Isobutylene																								
Isophorone	100	100		78	9.8 U	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
Methylcycloheptane																								
Naphthalene	100	100		0.17	9.8 U	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
Nitrobenzene	73	200		0.14	190	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
N-Nitrosodimethylamine	0.0014	0.018		0.00049																				
N-Nitrosodi-N-Propylamine	0.094	0.37		0.011	9.8 U	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
N-Nitrosodiphenylamine	130	530		12	9.8 U	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
o-Xylene	10000	10000	10000	190																				
Pentachlorophenol	1	1	1	0.04	49 U	50 U								50 U	50 U		50 U		50 U		50 U		50 U	
Phenanthrene	1100	1100			1.2 J	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
Phenol	2000	2000		5800	3.3 J B	10 U								20 U	20 U		20 U		20 U		20 U		20 U	
Pyrene	130	130		120	0.64 J	10 U								10 U	10 U		10 U		10 U		10 U		10 U	
SVOC Library Search															0 U		0 U		0 U		0 U		0 U	

Blank results = analyte not analyzed. U = Not detected. J = Organics; estimated. Inorganics; blank contamination. B = Organics; blank contamination. Inorganics; estimated. E = Inorganics: matrix interference. R= Result Rejected.

Table 2.2-4b
Groundwater Data Summary - SVOC Analyses
Former York Naval Ordnance Plant - York, PA

Location/ID Sample Date Parameter	PA MSC UA R (ug/L)	PA MSC UA NR (ug/L)	Federal MCL (ug/L)	EPA RSL (ug/L)	MW-67S 9/1/99	MW-67S 3/31/00	MW-68 9/9/99	MW-68 3/28/00	MW-69 9/9/99	MW-69 4/4/00	MW-70D 9/10/99	MW-70D 4/3/00	MW-70S 9/10/99	MW-70S 4/3/00	MW-71D 9/10/99	MW-71D Dup 9/10/99	MW-71D 4/5/00	MW-72 9/13/99	MW-72 3/28/00	MW-73 9/13/99	MW-73 3/24/00	MW-74D 9/15/99	MW-74D 4/6/00	MW-74D 5/9/08
Semi Volatile Organic Compound																								
1,2,2,4-Tetrachlorobutane																								
1,2,3-Trimethylbenzene				10																				
1,2,4,5-Tetramethylbenzene																								
1,2,4-Trichlorobenzene	70	70	70	1.1	10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
1,2,4-Trimethylbenzene	15	62		15																				
1,2-Dichlorobenzene	600	600	600	300	10 U	2 U	10 U	2 U	10 U	20 U	10 U	2 U	10 U	2 U	10 U	10 U	2 U	10 U	2 U	10 U	2 U	10 U	2 U	9.5 U
1,3-Dichlorobenzene	600	600																						9.5 U
1,3-Diethylbenzene																								
1,4-Dichlorobenzene	75	75	75	0.48	10 U	2 U	10 U	2 U	10 U	20 U	10 U	2 U	10 U	2 U	10 U	10 U	2 U	10 U	2 U	10 U	2 U	10 U	2 U	9.5 U
1-Ethyl-2,4-Dimethylbenzene																								
1-Ethyl-2-Methylbenzene																								
1-Ethyl-3-Methylbenzene																								
1-Ethyl-4-Methylbenzene																								
1-Methylcyclohexanol																								
1-Methylcyclopentanol																								
2,2-Dimethyl-Aziridine																								
2,3-Bis(Methylene)Bicyclo(3.2.1)Octane																								
2,3-Dihydro-1-Methylindene																								
2,3-Dihydroinden-1-One																								
2,4,5-Trichlorophenol	3700	10000		1200	10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
2,4,6-Trichlorophenol	37	100		4	10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
2,4-Dichlorophenol	20	20		46	20 U		20 U		20 U		20 U		20 U		20 U	20 U		20 U		20 U		20 U		9.5 U
2,4-Dimethylphenol	730	2000		360	10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
2,4-Dinitrophenol	73	200		39	50 U		50 U		50 U		50 U		50 U		50 U	50 U		50 U		50 U		50 U		48 U
2,4-Dinitrotoluene	2.1	8.4		0.24	50 U		50 U		50 U		50 U		50 U		50 U	50 U		50 U		50 U		50 U		9.5 U
2,6-Dinitrotoluene	37	100		0.048	50 U		50 U		50 U		50 U		50 U		50 U	50 U		50 U		50 U		50 U		9.5 U
2-Chloronaphthalene	2900	8200		750	10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
2-Chlorophenol	40	40		91	10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
2-Ethyl-1,3-Dimethylbenzene																								
2-Methyl-2-Hexanol																								
2-Methyl-2-Pentanol																								
2-Methylbutane																								
2-Methylnaphthalene	150	410		36	10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
2-Methylphenol	1800	5100		930	10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
2-Nitroaniline	110	310		190	50 U		50 U		50 U		50 U		50 U		50 U	50 U		50 U		50 U		50 U		48 U
2-Nitrophenol	290	820			20 U		20 U		20 U		20 U		20 U		20 U	20 U		20 U		20 U		20 U		9.5 U
3-& 4-Methylphenol				180	20 U		20 U		20 U		20 U		20 U		20 U	20 U		20 U		20 U		20 U		9.5 U
3,3'-Dichlorobenzidine	1.5	5.8		0.12	50 U		50 U		50 U		50 U		50 U		50 U	50 U		50 U		50 U		50 U		48 U
3-Methyl-3-Hexanol																								
3-Methyl-3-Pentanol																								
3-Nitroaniline	11	31			20 U		20 U		20 U		20 U		20 U		20 U	20 U		20 U		20 U		20 U		48 U
4,6-Dinitro-2-Methylphenol	3.7	10		1.5	50 U		50 U		50 U		50 U		50 U		50 U	50 U		50 U		50 U		50 U		48 U
4-Bromophenyl phenyl ether					10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
4-Chloro-3-Methyl-Phenol	180	510		1400	20 U		20 U		20 U		20 U		20 U		20 U	20 U		20 U		20 U		20 U		9.5 U
4-Chloroaniline	3.3	13		0.36	10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U

Blank results = analyte not analyzed. U = Not detected. J = Organics; estimated. Inorganics; blank contamination. B = Organics; blank contamination. Inorganics; estimated. E = Inorganics: matrix interference. R= Result Rejected.

Table 2.2-4b
Groundwater Data Summary - SVOC Analyses
Former York Naval Ordnance Plant - York, PA

Location/ID Sample Date Parameter	PA MSC UA R (ug/L)	PA MSC UA NR (ug/L)	Federal MCL (ug/L)	EPA RSL (ug/L)	MW-67S 9/1/99	MW-67S 3/31/00	MW-68 9/9/99	MW-68 3/28/00	MW-69 9/9/99	MW-69 4/4/00	MW-70D 9/10/99	MW-70D 4/3/00	MW-70S 9/10/99	MW-70S 4/3/00	MW-71D 9/10/99	MW-71D Dup 9/10/99	MW-71D 4/5/00	MW-72 9/13/99	MW-72 3/28/00	MW-73 9/13/99	MW-73 3/24/00	MW-74D 9/15/99	MW-74D 4/6/00	MW-74D 5/9/08
4-Chlorodiphenyl Ether					10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
4-Ethyl-1,2-Dimethylbenzene																								
4-Nitroaniline	33	130		3.8	50 U		50 U		50 U		50 U		50 U		50 U	50 U		50 U		50 U		50 U		48 U
4-Nitrophenol	60	60			50 U		50 U		50 U		50 U		50 U		50 U	50 U		50 U		50 U		50 U		48 U
Acenaphthene	2200	3800		530	10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
Acenaphthylene	2200	6100		530	10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
Alpha-Methylstyrene	2600	7200		780																				
Anthracene	66	66		1800	10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
Benzene, (2-Methyl-1-Propenyl)																								
Benzidine	0.00093	0.011		0.00011																				
Benzo (A) Anthracene	0.29	3.6	0.2	0.034	10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
Benzo (a) Pyrene	0.2	0.2	0.2	0.0034	10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
Benzo (b) Fluoranthene	0.29	1.2		0.034	10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
Benzo (b) Thiophene																								
Benzo (g,h,i) Perylene	0.26	0.26			10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
Benzo (k) Fluoranthene	0.55	0.55		0.34	10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
Benzofuran																								
Bis(2-Chloroethoxy) Methane	110	310		59	10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
Bis(2-Chloroethyl) Ether	0.15	0.76		0.014	10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
Bis(2-Chloroisopropyl) Ether	300	300		0.36	10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
Bis(2-Ethylhexyl) Phthalate	6	6	6	5.6	10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
Butylbenzylphthalate	350	1400		16	50 U		50 U		50 U		50 U		50 U		50 U	50 U		50 U		50 U		50 U		9.5 U
Carbazole	33	130			10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
Chrysene	1.9	1.9		3.4	10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
Cyclohexane	13000	53000		13000																				
Dibenzo (a,h) Anthracene	0.029	0.36		0.0034	20 U		20 U		20 U		20 U		20 U		20 U	20 U		20 U		20 U		20 U		9.5 U
Dibenzofuran	37	100		7.9	10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
Diethylphthalate	29000	82000		15000	10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
Dimethylphthalate					10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
Di-n-Butylphthalate	3700	10000		900	10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
Di-n-octylphthalate	1500	3000		200	10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
Fluoranthene	260	260		800	10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
Fluorene	1500	1900		290	10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
Hexachlorobenzene	1	1	1	0.049	20 U		20 U		20 U		20 U		20 U		20 U	20 U		20 U		20 U		20 U		9.5 U
Hexachlorobutadiene	8.5	33		0.3	20 U		20 U		20 U		20 U		20 U		20 U	20 U		20 U		20 U		20 U		9.5 U
Hexachlorocyclopentadiene	50	50	50	31	50 U		50 U		50 U		50 U		50 U		50 U	50 U		50 U		50 U		50 U		48 U
Hexachloroethane	1	1		0.9	50 U		50 U		50 U		50 U		50 U		50 U	50 U		50 U		50 U		50 U		9.5 U
Indane																								
Indeno (1,2,3-cd) Pyrene	0.29	3.6		0.034	20 U		20 U		20 U		20 U		20 U		20 U	20 U		20 U		20 U		20 U		9.5 U
Isobutylene																								
Isophorone	100	100		78	10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
Methylcycloheptane																2 J								
Naphthalene	100	100		0.17	10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
Nitrobenzene	73	200		0.14	10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
N-Nitrosodimethylamine	0.0014	0.018		0.00049																				
N-Nitrosodi-N-Propylamine	0.094	0.37		0.011	10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
N-Nitrosodiphenylamine	130	530		12	10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
o-Xylene	10000	10000	10000	190																				
Pentachlorophenol	1	1	1	0.04	50 U		50 U		50 U		50 U		50 U		50 U	50 U		50 U		50 U		50 U		48 U
Phenanthrene	1100	1100			10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
Phenol	2000	2000		5800	20 U		20 U		20 U		20 U		20 U		20 U	20 U		20 U		20 U		20 U		9.5 U
Pyrene	130	130		120	10 U		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		10 U		9.5 U
SVOC Library Search					0 U		0 U		0 U		0 U		0 U		0 U	0 U		0 U		0 U		0 U		

Blank results = analyte not analyzed. U = Not detected. J = Organics; estimated. Inorganics; blank contamination. B = Organics; blank contamination. Inorganics; estimated. E = Inorganics: matrix interference. R= Result Rejected.

Table 2.2-4b
Groundwater Data Summary - SVOC Analyses
Former York Naval Ordnance Plant - York, PA

Location/ID Sample Date Parameter	PA MSC UA R (ug/L)	PA MSC UA NR (ug/L)	Federal MCL (ug/L)	EPA RSL (ug/L)	MW-74S 9/15/99	MW-74S 4/3/00	MW-75D 9/17/99	MW-75D 4/7/00	MW-75D 4/15/04	MW-75S 9/17/99	MW-75S 4/7/00	MW-75S 4/15/04	MW-75S 5/21/08	MW-76 9/14/99	MW-76 3/28/00	MW-77 9/10/99	MW-77 3/24/00	MW-78 9/9/99	MW-78 3/22/00	MW-79 9/13/99	MW-79 3/23/00	MW-80 9/10/99	MW-80 3/28/00	MW-81D 9/13/99
Semi Volatile Organic Compound																								
1,2,2,4-Tetrachlorobutane																								
1,2,3-Trimethylbenzene				10												13 J								
1,2,4,5-Tetramethylbenzene																6 J								
1,2,4-Trichlorobenzene	70	70	70	1.1	10 U		10 U		1 U	10 U		1 U	9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
1,2,4-Trimethylbenzene	15	62		15												17 J								
1,2-Dichlorobenzene	600	600	600	300	10 U	2 U	10 U	20 U	10 U	10 U	20 U	10 U	9.5 U	10 U	2 U	10 U	2 U	10 U	2 U	10 U	2 U	10 U	2 U	10 U
1,3-Dichlorobenzene	600	600							10 U			10 U	9.5 U											
1,3-Diethylbenzene																6 J								
1,4-Dichlorobenzene	75	75	75	0.48	10 U	2 U	10 U	20 U	10 U	10 U	20 U	10 U	9.5 U	10 U	2 U	10 U	2 U	10 U	2 U	10 U	2 U	10 U	2 U	10 U
1-Ethyl-2,4-Dimethylbenzene																8 J								
1-Ethyl-2-Methylbenzene																17 J								
1-Ethyl-3-Methylbenzene																25 J								
1-Ethyl-4-Methylbenzene																40 J								
1-Methylcyclohexanol																32 J								
1-Methylcyclopentanol																81 J								
2,2-Dimethyl-Aziridine																95 J								
2,3-Bis(Methylene)Bicyclo(3.2.1)Octane																19 J								
2,3-Dihydro-1-Methylindene																7 J								
2,3-Dihydroinden-1-One																11 J								
2,4,5-Trichlorophenol	3700	10000		1200	10 U		10 U			10 U			9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
2,4,6-Trichlorophenol	37	100		4	10 U		10 U		10 U	10 U		10 U	9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
2,4-Dichlorophenol	20	20		46	20 U		20 U		10 U	20 U		10 U	9.5 U	20 U		20 U		20 U		20 U		20 U		20 U
2,4-Dimethylphenol	730	2000		360	10 U		10 U		10 U	10 U		10 U	9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
2,4-Dinitrophenol	73	200		39	50 U		50 U		41 U	50 U		40 U	48 U	50 U		50 U		50 U		50 U		50 U		50 U
2,4-Dinitrotoluene	2.1	8.4		0.24	50 U		50 U		2.1 U	50 U		2 U	9.5 U	50 U		50 U		50 U		50 U		50 U		50 U
2,6-Dinitrotoluene	37	100		0.048	50 U		50 U		2.1 U	50 U		2 U	9.5 U	50 U		50 U		50 U		50 U		50 U		50 U
2-Chloronaphthalene	2900	8200		750	10 U		10 U		10 U	10 U		10 U	9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
2-Chlorophenol	40	40		91	10 U		10 U		10 U	10 U		10 U	9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
2-Ethyl-1,3-Dimethylbenzene																8 J								
2-Methyl-2-Hexanol																32 J								
2-Methyl-2-Pentanol																130 J								
2-Methylbutane																34 J								
2-Methylnaphthalene	150	410		36	10 U		10 U			10 U			9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
2-Methylphenol	1800	5100		930	10 U		10 U			10 U			9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
2-Nitroaniline	110	310		190	50 U		50 U			50 U			48 U	50 U		50 U		50 U		50 U		50 U		50 U
2-Nitrophenol	290	820			20 U		20 U		10 U	20 U		10 U	9.5 U	20 U		20 U		20 U		20 U		20 U		20 U
3-& 4-Methylphenol				180	20 U		20 U			20 U			9.5 U	20 U		20 U		20 U		20 U		20 U		20 U
3,3'-Dichlorobenzidine	1.5	5.8		0.12	50 U		50 U		21 U	50 U		20 U	48 U	50 U		50 U		50 U		50 U		50 U		50 U
3-Methyl-3-Hexanol																85 J								
3-Methyl-3-Pentanol																120 J								
3-Nitroaniline	11	31			20 U		20 U			20 U			48 U	20 U		20 U		20 U		20 U		20 U		20 U
4,6-Dinitro-2-Methylphenol	3.7	10		1.5	50 U		50 U		41 U	50 U		40 U	48 U	50 U		50 U		50 U		50 U		50 U		50 U
4-Bromophenyl phenyl ether					10 U		10 U		10 U	10 U		10 U	9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
4-Chloro-3-Methyl-Phenol	180	510		1400	20 U		20 U		10 U	20 U		10 U	9.5 U	20 U		20 U		20 U		20 U		20 U		20 U
4-Chloroaniline	3.3	13		0.36	10 U		10 U			10 U			9.5 U	10 U		10 U		10 U		10 U		10 U		10 U

Blank results = analyte not analyzed. U = Not detected. J = Organics; estimated. Inorganics; blank contamination. B = Organics; blank contamination. Inorganics; estimated. E = Inorganics: matrix interference. R= Result Rejected.

Table 2.2-4b
Groundwater Data Summary - SVOC Analyses
Former York Naval Ordnance Plant - York, PA

Location/ID Sample Date Parameter	PA MSC UA R (ug/L)	PA MSC UA NR (ug/L)	Federal MCL (ug/L)	EPA RSL (ug/L)	MW-74S 9/15/99	MW-74S 4/3/00	MW-75D 9/17/99	MW-75D 4/7/00	MW-75D 4/15/04	MW-75S 9/17/99	MW-75S 4/7/00	MW-75S 4/15/04	MW-75S 5/21/08	MW-76 9/14/99	MW-76 3/28/00	MW-77 9/10/99	MW-77 3/24/00	MW-78 9/9/99	MW-78 3/22/00	MW-79 9/13/99	MW-79 3/23/00	MW-80 9/10/99	MW-80 3/28/00	MW-81D 9/13/99
4-Chlorodiphenyl Ether					10 U		10 U		10 U	10 U		10 U	9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
4-Ethyl-1,2-Dimethylbenzene																10 J								
4-Nitroaniline	33	130		3.8	50 U		50 U			50 U			48 U	50 U		50 U		50 U		50 U		50 U		50 U
4-Nitrophenol	60	60			50 U		50 U		41 U	50 U		40 U	48 U	50 U		50 U		50 U		50 U		50 U		50 U
Acenaphthene	2200	3800		530	10 U		10 U		10 U	10 U		10 U	9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
Acenaphthylene	2200	6100		530	10 U		10 U		10 U	10 U		10 U	9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
Alpha-Methylstyrene	2600	7200		780												14 J								
Anthracene	66	66		1800	10 U		10 U		10 U	10 U		10 U	9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
Benzene, (2-Methyl-1-Propenyl)																5 J								
Benzidine	0.00093	0.011		0.00011					41 U			40 U												
Benzo (A) Anthracene	0.29	3.6	0.2	0.034	10 U		10 U		1 U	10 U		1 U	9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
Benzo (a) Pyrene	0.2	0.2	0.2	0.0034	10 U		10 U		1 U	10 U		1 U	9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
Benzo (b) Fluoranthene	0.29	1.2		0.034	10 U		10 U		1 U	10 U		1 U	9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
Benzo (b) Thiophene																10 J								
Benzo (g,h,i) Perylene	0.26	0.26			10 U		10 U		10 U	10 U		10 U	9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
Benzo (k) Fluoranthene	0.55	0.55		0.34	10 U		10 U		1 U	10 U		1 U	9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
Benzofuran																7 J								
Bis(2-Chloroethoxy) Methane	110	310		59	10 U		10 U		10 U	10 U		10 U	9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
Bis(2-Chloroethyl) Ether	0.15	0.76		0.014	10 U		10 U		1 U	10 U		1 U	9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
Bis(2-Chloroisopropyl) Ether	300	300		0.36	10 U		10 U		10 U	10 U		10 U	9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
Bis(2-Ethylhexyl) Phthalate	6	6	6	5.6	10 U		10 U		2.5 J	10 U		6.8 JB	9.5 U	10 U		8		15		10 U		10 U		10 U
Butylbenzylphthalate	350	1400		16	50 U		50 U		10 U	50 U		10 U	9.5 U	50 U		50 U		50 U		50 U		50 U		50 U
Carbazole	33	130			10 U		10 U			10 U			9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
Chrysene	1.9	1.9		3.4	10 U		10 U		10 U	10 U		10 U	9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
Cyclohexane	13000	53000		13000												48 J								
Dibenzo (a,h) Anthracene	0.029	0.36		0.0034	20 U		20 U		1 U	20 U		1 U	9.5 U	20 U		20 U		20 U		20 U		20 U		20 U
Dibenzofuran	37	100		7.9	10 U		10 U			10 U			9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
Diethylphthalate	29000	82000		15000	10 U		10 U		10 U	10 U		10 U	9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
Dimethylphthalate					10 U		10 U		10 U	10 U		10 U	9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
Di-n-Butylphthalate	3700	10000		900	10 U		10 U		10 U	10 U		10 U	9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
Di-n-octylphthalate	1500	3000		200	10 U		10 U		10 U	10 U		10 U	9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
Fluoranthene	260	260		800	10 U		10 U		10 U	10 U		10 U	9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
Fluorene	1500	1900		290	10 U		10 U		10 U	10 U		10 U	9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
Hexachlorobenzene	1	1	1	0.049	20 U		20 U		1 U	20 U		1 U	9.5 U	20 U		20 U		20 U		20 U		20 U		20 U
Hexachlorobutadiene	8.5	33		0.3	20 U		20 U		2.1 U	20 U		2 U	9.5 U	20 U		20 U		20 U		20 U		20 U		20 U
Hexachlorocyclopentadiene	50	50	50	31	50 U		50 U		10 U	50 U		10 U	48 U	50 U		50 U		50 U		50 U		50 U		50 U
Hexachloroethane	1	1		0.9	50 U		50 U		1 U	50 U		1 U	9.5 U	50 U		50 U		50 U		50 U		50 U		50 U
Indane																4 J								
Indeno (1,2,3-cd) Pyrene	0.29	3.6		0.034	20 U		20 U		1 U	20 U		1 U	9.5 U	20 U		20 U		20 U		20 U		20 U		20 U
Isobutylene																64 J								
Isophorone	100	100		78	10 U		10 U		10 U	10 U		10 U	9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
Methylcycloheptane																								
Naphthalene	100	100		0.17	10 U		10 U		10 U	10 U		10 U	9.5 U	10 U		120		10 U		10 U		10 U		10 U
Nitrobenzene	73	200		0.14	10 U		10 U		1 U	10 U		1 U	9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
N-Nitrosodimethylamine	0.0014	0.018		0.00049					10 U			10 U												
N-Nitrosodi-N-Propylamine	0.094	0.37		0.011	10 U		10 U		1 U	10 U		1 U	9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
N-Nitrosodiphenylamine	130	530		12	10 U		10 U		10 U	10 U		10 U	9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
o-Xylene	10000	10000	10000	190												77 J								
Pentachlorophenol	1	1	1	0.04	50 U		50 U		41 U	50 U		40 U	48 U	50 U		50 U		50 U		50 U		50 U		50 U
Phenanthrene	1100	1100			10 U		10 U		10 U	10 U		10 U	9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
Phenol	2000	2000		5800	20 U		20 U		10 U	20 U		10 U	9.5 U	20 U		20 U		20 U		20 U		20 U		20 U
Pyrene	130	130		120	10 U		10 U		10 U	10 U		10 U	9.5 U	10 U		10 U		10 U		10 U		10 U		10 U
SVOC Library Search					0 U		0 U			0 U				0 U		0 U		0 U		0 U		0 U		0 U

Blank results = analyte not analyzed. U = Not detected. J = Organics; estimated. Inorganics; blank contamination. B = Organics; blank contamination. Inorganics; estimated. E = Inorganics: matrix interference. R= Result Rejected.

Table 2.2-4b
Groundwater Data Summary - SVOC Analyses
Former York Naval Ordnance Plant - York, PA

Location/ID Sample Date Parameter	PA MSC UA R (ug/L)	PA MSC UA NR (ug/L)	Federal MCL (ug/L)	EPA RSL (ug/L)	MW-81D 4/4/00	MW-81S 9/13/99	MW-81S 4/4/00	MW-82 9/10/99	MW-82 3/31/00	MW-83 9/13/99	MW-83 3/22/00	MW-84 9/9/99	MW-84 3/30/00	MW-85 4/11/00	MW-86D 9/7/99	MW-86D 4/3/00	MW-86S 9/7/99	MW-86S 3/31/00	MW-87 9/17/99	MW-87 4/4/00	MW-87 5/15/08	MW-88 4/10/00	MW-89 4/11/00	MW-90 4/11/00	MW-91 4/10/00
Semi Volatile Organic Compound																									
1,2,2,4-Tetrachlorobutane																									
1,2,3-Trimethylbenzene				10																					
1,2,4,5-Tetramethylbenzene																									
1,2,4-Trichlorobenzene	70	70	70	1.1		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
1,2,4-Trimethylbenzene	15	62		15																					
1,2-Dichlorobenzene	600	600	600	300	20 U	10 U	20 U	10 U	2 U	10 U	2 U	10 U	2 U	10 U	10 U	20 U	10 U	2 U	10 U	20 U	9.4 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	600	600																			9.4 U				
1,3-Diethylbenzene																									
1,4-Dichlorobenzene	75	75	75	0.48	20 U	10 U	20 U	10 U	2 U	10 U	2 U	10 U	2 U	10 U	10 U	20 U	10 U	2 U	10 U	20 U	9.4 U	10 U	10 U	10 U	10 U
1-Ethyl-2,4-Dimethylbenzene																									
1-Ethyl-2-Methylbenzene																									
1-Ethyl-3-Methylbenzene																									
1-Ethyl-4-Methylbenzene																									
1-Methylcyclohexanol																									
1-Methylcyclopentanol																									
2,2-Dimethyl-Aziridine																									
2,3-Bis(Methylene)Bicyclo(3.2.1)Octane																									
2,3-Dihydro-1-Methylindene																									
2,3-Dihydroinden-1-One																									
2,4,5-Trichlorophenol	3700	10000		1200		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	37	100		4		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	20	20		46		20 U		20 U		20 U		20 U		20 U	20 U		20 U		20 U		9.4 U	20 U	20 U	20 U	20 U
2,4-Dimethylphenol	730	2000		360		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	73	200		39		50 U		50 U		50 U		50 U		50 U	50 U		50 U		50 U		47 U	50 U	50 U	50 U	50 U
2,4-Dinitrotoluene	2.1	8.4		0.24		50 U		50 U		50 U		50 U		50 U	50 U		50 U		50 U		9.4 U	50 U	50 U	50 U	50 U
2,6-Dinitrotoluene	37	100		0.048		50 U		50 U		50 U		50 U		50 U	50 U		50 U		50 U		9.4 U	50 U	50 U	50 U	50 U
2-Chloronaphthalene	2900	8200		750		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
2-Chlorophenol	40	40		91		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
2-Ethyl-1,3-Dimethylbenzene																									
2-Methyl-2-Hexanol																									
2-Methyl-2-Pentanol																									
2-Methylbutane																									
2-Methylnaphthalene	150	410		36		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
2-Methylphenol	1800	5100		930		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
2-Nitroaniline	110	310		190		50 U		50 U		50 U		50 U		50 U	50 U		50 U		50 U		47 U	50 U	50 U	50 U	50 U
2-Nitrophenol	290	820				20 U		20 U		20 U		20 U		20 U	20 U		20 U		20 U		9.4 U	20 U	20 U	20 U	20 U
3-& 4-Methylphenol				180		20 U		20 U		20 U		20 U		20 U	20 U		20 U		20 U		9.4 U	20 U	20 U	20 U	20 U
3,3'-Dichlorobenzidine	1.5	5.8		0.12		50 U		50 U		50 U		50 U		50 U	50 U		50 U		50 U		47 U	50 U	50 U	50 U	50 U
3-Methyl-3-Hexanol																									
3-Methyl-3-Pentanol																									
3-Nitroaniline	11	31				20 U		20 U		20 U		20 U		20 U	20 U		20 U		20 U		47 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-Methylphenol	3.7	10		1.5		50 U		50 U		50 U		50 U		50 U	50 U		50 U		50 U		47 U	50 U	50 U	50 U	50 U
4-Bromophenyl phenyl ether						10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
4-Chloro-3-Methyl-Phenol	180	510		1400		20 U		20 U		20 U		20 U		20 U	20 U		20 U		20 U		9.4 U	20 U	20 U	20 U	20 U
4-Chloroaniline	3.3	13		0.36		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U

Blank results = analyte not analyzed. U = Not detected. J = Organics; estimated. Inorganics; blank contamination. B = Organics; blank contamination. Inorganics; estimated. E = Inorganics: matrix interference. R= Result Rejected.

Table 2.2-4b
Groundwater Data Summary - SVOC Analyses
Former York Naval Ordnance Plant - York, PA

Location/ID Sample Date Parameter	PA MSC UA R (ug/L)	PA MSC UA NR (ug/L)	Federal MCL (ug/L)	EPA RSL (ug/L)	MW-81D 4/4/00	MW-81S 9/13/99	MW-81S 4/4/00	MW-82 9/10/99	MW-82 3/31/00	MW-83 9/13/99	MW-83 3/22/00	MW-84 9/9/99	MW-84 3/30/00	MW-85 4/11/00	MW-86D 9/7/99	MW-86D 4/3/00	MW-86S 9/7/99	MW-86S 3/31/00	MW-87 9/17/99	MW-87 4/4/00	MW-87 5/15/08	MW-88 4/10/00	MW-89 4/11/00	MW-90 4/11/00	MW-91 4/10/00
4-Chlorodiphenyl Ether						10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
4-Ethyl-1,2-Dimethylbenzene																									
4-Nitroaniline	33	130		3.8		50 U		50 U		50 U		50 U		50 U	50 U		50 U		50 U		47 U	50 U	50 U	50 U	50 U
4-Nitrophenol	60	60				50 U		50 U		50 U		50 U		50 U	50 U		50 U		50 U		47 U	50 U	50 U	50 U	50 U
Acenaphthene	2200	3800		530		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
Acenaphthylene	2200	6100		530		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
Alpha-Methylstyrene	2600	7200		780																					
Anthracene	66	66		1800		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
Benzene, (2-Methyl-1-Propenyl)																									
Benzidine	0.00093	0.011		0.00011																					
Benzo (A) Anthracene	0.29	3.6	0.2	0.034		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
Benzo (a) Pyrene	0.2	0.2	0.2	0.0034		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
Benzo (b) Fluoranthene	0.29	1.2		0.034		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
Benzo (b) Thiophene																									
Benzo (g,h,i) Perylene	0.26	0.26				10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
Benzo (k) Fluoranthene	0.55	0.55		0.34		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
Benzofuran																									
Bis(2-Chloroethoxy) Methane	110	310		59		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
Bis(2-Chloroethyl) Ether	0.15	0.76		0.014		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
Bis(2-Chloroisopropyl) Ether	300	300		0.36		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
Bis(2-Ethylhexyl) Phthalate	6	6	6	5.6		10 U		9		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
Butylbenzylphthalate	350	1400		16		50 U		50 U		50 U		50 U		50 U	50 U		50 U		50 U		9.4 U	50 U	50 U	50 U	50 U
Carbazole	33	130				10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
Chrysene	1.9	1.9		3.4		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
Cyclohexane	13000	53000		13000																					
Dibenzo (a,h) Anthracene	0.029	0.36		0.0034		20 U		20 U		20 U		20 U		20 U	20 U		20 U		20 U		9.4 U	20 U	20 U	20 U	20 U
Dibenzofuran	37	100		7.9		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
Diethylphthalate	29000	82000		15000		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
Dimethylphthalate						10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
Di-n-Butylphthalate	3700	10000		900		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
Di-n-octylphthalate	1500	3000		200		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
Fluoranthene	260	260		800		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
Fluorene	1500	1900		290		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	1	1	1	0.049		20 U		20 U		20 U		20 U		20 U	20 U		20 U		20 U		9.4 U	20 U	20 U	20 U	20 U
Hexachlorobutadiene	8.5	33		0.3		20 U		20 U		20 U		20 U		20 U	20 U		20 U		20 U		9.4 U	20 U	20 U	20 U	20 U
Hexachlorocyclopentadiene	50	50	50	31		50 U		50 U		50 U		50 U		50 U	50 U		50 U		50 U		47 U	50 U	50 U	50 U	50 U
Hexachloroethane	1	1		0.9		50 U		50 U		50 U		50 U		50 U	50 U		50 U		50 U		9.4 U	50 U	50 U	50 U	50 U
Indane																									
Indeno (1,2,3-cd) Pyrene	0.29	3.6		0.034		20 U		20 U		20 U		20 U		20 U	20 U		20 U		20 U		9.4 U	20 U	20 U	20 U	20 U
Isobutylene																									
Isophorone	100	100		78		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
Methylcycloheptane																									
Naphthalene	100	100		0.17		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
Nitrobenzene	73	200		0.14		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
N-Nitrosodimethylamine	0.0014	0.018		0.00049																					
N-Nitrosodi-N-Propylamine	0.094	0.37		0.011		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	130	530		12		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
o-Xylene	10000	10000	10000	190																					
Pentachlorophenol	1	1	1	0.04		50 U		50 U		50 U		50 U		50 U	50 U		50 U		50 U		47 U	50 U	50 U	50 U	50 U
Phenanthrene	1100	1100				10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
Phenol	2000	2000		5800		20 U		20 U		20 U		20 U		20 U	20 U		20 U		20 U		9.4 U	20 U	20 U	20 U	20 U
Pyrene	130	130		120		10 U		10 U		10 U		10 U		10 U	10 U		10 U		10 U		9.4 U	10 U	10 U	10 U	10 U
SVOC Library Search						0 U		0 U		0 U		0 U		0 U	0 U		0 U		0 U			0 U	0 U	0 U	

Blank results = analyte not analyzed. U = Not detected. J = Organics; estimated. Inorganics; blank contamination. B = Organics; blank contamination. Inorganics; estimated. E = Inorganics: matrix interference. R= Result Rejected.

Table 2.2-4b
Groundwater Data Summary - SVOC Analyses
Former York Naval Ordnance Plant - York, PA

Location/ID Sample Date Parameter	PA MSC UA R (ug/L)	PA MSC UA NR (ug/L)	Federal MCL (ug/L)	EPA RSL (ug/L)	MW-92 4/10/00	MW-93D 4/16/04	MW-93D 4/26/04	MW-93D Dup 4/26/04	MW-93S 4/15/04	MW-93S Dup 4/15/04	MW-93S 4/26/04	MW-113 10/25/07	MW-116 6/10/08	MW-116 9/3/08	MW-117 2/26/09	MW-126 7/6/12	MW-127 7/6/12	MW-128 7/6/12	MW-129 7/6/12	MW-130 7/2/12	MW-131 7/5/12	MW-132 7/5/12	MW-133 7/5/12
Semi Volatile Organic Compound																							
1,2,2,4-Tetrachlorobutane																							
1,2,3-Trimethylbenzene				10																			
1,2,4,5-Tetramethylbenzene																							
1,2,4-Trichlorobenzene	70	70	70	1.1	10 U	1.1 U	1 U	1 U	1 U	1 U	1 U	10 U	9.5 U	9.6 U	9.7 U	9.6 U	9.6 U	9.6 U	9.6 U	9.7 U	9.6 U	9.6 U	9.7 U
1,2,4-Trimethylbenzene	15	62		15																			
1,2-Dichlorobenzene	600	600	600	300	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	9.5 U	9.6 U	9.7 U	9.6 U	9.6 U	9.6 U	9.6 U	9.7 U	9.6 U	9.6 U	9.7 U
1,3-Dichlorobenzene	600	600				11 U	10 U	10 U	10 U	10 U	10 U	10 U	9.5 U	9.6 U	9.7 U	9.6 U	9.6 U	9.6 U	9.6 U	9.7 U	9.6 U	9.6 U	9.7 U
1,3-Diethylbenzene																							
1,4-Dichlorobenzene	75	75	75	0.48	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	9.5 U	9.6 U	9.7 U	9.6 U	9.6 U	9.6 U	9.6 U	9.7 U	9.6 U	9.6 U	9.7 U
1-Ethyl-2,4-Dimethylbenzene																							
1-Ethyl-2-Methylbenzene																							
1-Ethyl-3-Methylbenzene																							
1-Ethyl-4-Methylbenzene																							
1-Methylcyclohexanol																							
1-Methylcyclopentanol																							
2,2-Dimethyl-Aziridine																							
2,3-Bis(Methylene)Bicyclo(3.2.1)Octane																							
2,3-Dihydro-1-Methylindene																							
2,3-Dihydroinden-1-One																							
2,4,5-Trichlorophenol	3700	10000		1200	10 U							10 U	9.5 U	9.6 U	9.7 U	9.6 U	9.6 U	9.6 U	9.6 U	9.7 U	9.6 U	9.6 U	9.7 U
2,4,6-Trichlorophenol	37	100		4	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	9.5 U	9.6 U	9.7 U	9.6 U	9.6 U	9.6 U	9.6 U	9.7 U	9.6 U	9.6 U	9.7 U
2,4-Dichlorophenol	20	20		46	20 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	9.5 U	9.6 U	9.7 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2,4-Dimethylphenol	730	2000		360	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	9.5 U	9.6 U	9.7 U	9.6 U	9.6 U	9.6 U	9.6 U	9.7 U	9.6 U	9.6 U	9.7 U
2,4-Dinitrophenol	73	200		39	50 U	42 U	40 U	40 U	40 U	41 U	40 U	50 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U	49 U	48 U	48 U	49 U
2,4-Dinitrotoluene	2.1	8.4		0.24	50 U	2.1 U	2 U	2 U	2 U	2 U	2 U	10 U	9.5 U	9.6 U	9.7 U	9.6 U	9.6 U	9.6 U	9.6 U	9.7 U	9.6 U	9.6 U	9.7 U
2,6-Dinitrotoluene	37	100		0.048	50 U	2.1 U	2 U	2 U	2 U	2 U	2 U	10 U	9.5 U	9.6 U	9.7 U	9.6 U	9.6 U	9.6 U	9.6 U	9.7 U	9.6 U	9.6 U	9.7 U
2-Chloronaphthalene	2900	8200		750	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	9.5 U	9.6 U	9.7 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2-Chlorophenol	40	40		91	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	9.5 U	9.6 U	9.7 U	9.6 U	9.6 U	9.6 U	9.6 U	9.7 U	9.6 U	9.6 U	9.7 U
2-Ethyl-1,3-Dimethylbenzene																							
2-Methyl-2-Hexanol																							
2-Methyl-2-Pentanol																							
2-Methylbutane																							
2-Methylnaphthalene	150	410		36	10 U							10 U	9.5 U	9.6 U	9.7 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2-Methylphenol	1800	5100		930	10 U							10 U	9.5 U	9.6 U	9.7 U	9.6 U	9.6 U	9.6 U	9.6 U	9.7 U	9.6 U	9.6 U	9.7 U
2-Nitroaniline	110	310		190	50 U							50 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U	49 U	48 U	48 U	49 U
2-Nitrophenol	290	820			20 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	9.5 U	9.6 U	9.7 U	9.6 U	9.6 U	9.6 U	9.6 U	9.7 U	9.6 U	9.6 U	9.7 U
3-& 4-Methylphenol				180	20 U							10 U	9.5 U	9.6 U	9.7 U	9.6 U	9.6 U	9.6 U	9.6 U	9.7 U	9.6 U	9.6 U	9.7 U
3,3'-Dichlorobenzidine	1.5	5.8		0.12	50 U	21 U	20 U	20 U	20 U	20 U	20 U	50 U	48 U	48 U	48 U	9.6 U	9.6 U	9.6 U	9.6 U	9.7 U	9.6 U	9.6 U	9.7 U
3-Methyl-3-Hexanol																							
3-Methyl-3-Pentanol																							
3-Nitroaniline	11	31			20 U							50 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U	49 U	48 U	48 U	49 U
4,6-Dinitro-2-Methylphenol	3.7	10		1.5	50 U	42 U	40 U	40 U	40 U	41 U	40 U	50 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U	49 U	48 U	48 U	49 U
4-Bromophenyl phenyl ether					10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	9.5 U	9.6 U	9.7 U	9.6 U	9.6 U	9.6 U	9.6 U	9.7 U	9.6 U	9.6 U	9.7 U
4-Chloro-3-Methyl-Phenol	180	510		1400	20 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	9.5 U	9.6 U	9.7 U	9.6 U	9.6 U	9.6 U	9.6 U	9.7 U	9.6 U	9.6 U	9.7 U
4-Chloroaniline	3.3	13		0.36	10 U							10 U	9.5 U	0.53 J	9.7 U	9.6 U	9.6 U	9.6 U	9.6 U	9.7 U	9.6 U	9.6 U	9.7 U

Blank results = analyte not analyzed. U = Not detected. J = Organics; estimated. Inorganics; blank contamination. B = Organics; blank contamination. Inorganics; estimated. E = Inorganics: matrix interference. R= Result Rejected.

Table 2.2-4b
Groundwater Data Summary - SVOC Analyses
Former York Naval Ordnance Plant - York, PA

Location/ID Sample Date Parameter	PA MSC UA R (ug/L)	PA MSC UA NR (ug/L)	Federal MCL (ug/L)	EPA RSL (ug/L)	MW-92 4/10/00	MW-93D 4/16/04	MW-93D 4/26/04	MW-93D Dup 4/26/04	MW-93S 4/15/04	MW-93S Dup 4/15/04	MW-93S 4/26/04	MW-113 10/25/07	MW-116 6/10/08	MW-116 9/3/08	MW-117 2/26/09	MW-126 7/6/12	MW-127 7/6/12	MW-128 7/6/12	MW-129 7/6/12	MW-130 7/2/12	MW-131 7/5/12	MW-132 7/5/12	MW-133 7/5/12
4-Chlorodiphenyl Ether					10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	9.5 U	9.6 U	9.7 U	9.6 U	9.6 U	9.6 U	9.6 U	9.7 U	9.6 U	9.6 U	9.7 U
4-Ethyl-1,2-Dimethylbenzene																							
4-Nitroaniline	33	130		3.8	50 U							50 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U	49 U	48 U	48 U	49 U
4-Nitrophenol	60	60			50 U	42 U	40 U	40 U	40 U	41 U	40 U	50 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U	49 U	48 U	48 U	49 U
Acenaphthene	2200	3800		530	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	9.5 U	9.6 U	9.7 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Acenaphthylene	2200	6100		530	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	9.5 U	9.6 U	9.7 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Alpha-Methylstyrene	2600	7200		780																			
Anthracene	66	66		1800	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	9.5 U	9.6 U	9.7 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzene, (2-Methyl-1-Propenyl)																							
Benzidine	0.00093	0.011		0.00011		42 U	40 U	40 U	40 U	41 U	40 U												
Benzo (A) Anthracene	0.29	3.6	0.2	0.034	10 U	1.1 U	1 U	1 U	1 U	1 U	1 U	10 U	9.5 U	9.6 U	9.7 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzo (a) Pyrene	0.2	0.2	0.2	0.0034	10 U	1.1 U	1 U	1 U	1 U	1 U	1 U	10 U	9.5 U	9.6 U	9.7 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzo (b) Fluoranthene	0.29	1.2		0.034	10 U	1.1 U	1 U	1 U	1 U	1 U	1 U	10 U	9.5 U	9.6 U	9.7 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzo (b) Thiophene																							
Benzo (g,h,i) Perylene	0.26	0.26			10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	9.5 U	9.6 U	9.7 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzo (k) Fluoranthene	0.55	0.55		0.34	10 U	1.1 U	1 U	1 U	1 U	1 U	1 U	10 U	9.5 U	9.6 U	9.7 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzofuran																							
Bis(2-Chloroethoxy) Methane	110	310		59	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	9.5 U	9.6 U	9.7 U	9.6 U	9.6 U	9.6 U	9.6 U	9.7 U	9.6 U	9.6 U	9.7 U
Bis(2-Chloroethyl) Ether	0.15	0.76		0.014	10 U	1.1 U	1 U	1 U	1 U	1 U	1 U	10 U	9.5 U	9.6 U	9.7 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Bis(2-Chloroisopropyl) Ether	300	300		0.36	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	9.5 U	9.6 U	9.7 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Bis(2-Ethylhexyl) Phthalate	6	6	6	5.6	10 U	6.3 J	6.1 J	7.3 J	10 U	10 U	2.4 J	6.6 J	2.1 J	9.6 U	9.7 U	19 U	19 U	19 U	19 U	19 U	19 U	19 U	19 U
Butylbenzylphthalate	350	1400		16	50 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	9.5 U	9.6 U	9.7 U	9.6 U	9.6 U	9.6 U	9.6 U	9.7 U	9.6 U	9.6 U	9.7 U
Carbazole	33	130			10 U							10 U	9.5 U	9.6 U	9.7 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Chrysene	1.9	1.9		3.4	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	9.5 U	9.6 U	9.7 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Cyclohexane	13000	53000		13000																			
Dibenzo (a,h) Anthracene	0.029	0.36		0.0034	20 U	1.1 U	1 U	1 U	1 U	1 U	1 U	10 U	9.5 U	9.6 U	9.7 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Dibenzofuran	37	100		7.9	10 U							10 U	9.5 U	9.6 U	9.7 U	9.6 U	9.6 U	9.6 U	9.6 U	9.7 U	9.6 U	9.6 U	9.7 U
Diethylphthalate	29000	82000		15000	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	9.5 U	9.6 U	9.7 U	9.6 U	9.6 U	9.6 U	9.6 U	9.7 U	9.6 U	9.6 U	9.7 U
Dimethylphthalate					10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	9.5 U	9.6 U	9.7 U	9.6 U	9.6 U	9.6 U	9.6 U	9.7 U	9.6 U	9.6 U	9.7 U
Di-n-Butylphthalate	3700	10000		900	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	9.5 U	9.6 U	9.7 U	9.6 U	9.6 U	9.6 U	9.6 U	9.7 U	9.6 U	9.6 U	9.7 U
Di-n-octylphthalate	1500	3000		200	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	9.5 U	9.6 U	9.7 U	9.6 U	9.6 U	9.6 U	9.6 U	9.7 U	9.6 U	9.6 U	9.7 U
Fluoranthene	260	260		800	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	9.5 U	9.6 U	9.7 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Fluorene	1500	1900		290	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	9.5 U	9.6 U	9.7 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Hexachlorobenzene	1	1	1	0.049	20 U	1.1 U	1 U	1 U	1 U	1 U	1 U	10 U	9.5 U	9.6 U	9.7 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Hexachlorobutadiene	8.5	33		0.3	20 U	2.1 U	2 U	2 U	2 U	2 U	2 U	10 U	9.5 U	9.6 U	9.7 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Hexachlorocyclopentadiene	50	50	50	31	50 U	11 U	10 U	10 U	10 U	10 U	10 U	50 U	48 U	48 U	48 U	9.6 U	9.6 U	9.6 U	9.6 U	9.7 U	9.6 U	9.6 U	9.7 U
Hexachloroethane	1	1		0.9	50 U	1.1 U	1 U	1 U	1 U	1 U	1 U	10 U	9.5 U	9.6 U	9.7 U	9.6 U	9.6 U	9.6 U	9.6 U	9.7 U	9.6 U	9.6 U	9.7 U
Indane																							
Indeno (1,2,3-cd) Pyrene	0.29	3.6		0.034	20 U	1.1 U	1 U	1 U	1 U	1 U	1 U	10 U	9.5 U	9.6 U	9.7 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Isobutylene																							
Isophorone	100	100		78	10 U	4.8 J	10 U	10 U	10 U	10 U	10 U	10 U	9.5 U	9.6 U	9.7 U	9.6 U	9.6 U	9.6 U	9.6 U	9.7 U	9.6 U	9.6 U	9.7 U
Methylcycloheptane																							
Naphthalene	100	100		0.17	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	9.5 U	9.6 U	9.7 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Nitrobenzene	73	200		0.14	10 U	1.1 U	1 U	1 U	1 U	1 U	1 U	10 U	9.5 U	9.6 U	9.7 U	19 U	19 U	19 U	19 U	19 U	19 U	19 U	19 U
N-Nitrosodimethylamine	0.0014	0.018		0.00049		11 U	10 U	10 U	10 U	10 U	10 U												
N-Nitrosodi-N-Propylamine	0.094	0.37		0.011	10 U	1.1 U	1 U	1 U	1 U	1 U	1 U	10 U	9.5 U	9.6 U	9.7 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
N-Nitrosodiphenylamine	130	530		12	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	9.5 U	9.6 U	9.7 U	9.6 U	9.6 U	9.6 U	9.6 U	9.7 U	9.6 U	9.6 U	9.7 U
o-Xylene	10000	10000	10000	190																			
Pentachlorophenol	1	1	1	0.04	50 U	42 U	40 U	40 U	40 U	41 U	40 U	50 U	48 U	48 U	48 U	9.6 U	9.6 U	9.6 U	9.6 U	9.7 U	9.6 U	9.6 U	9.7 U
Phenanthrene	1100	1100			10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	9.5 U	9.6 U	9.7 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Phenol	2000	2000		5800	20 U	11 U	10 U	10 U	10 U	10 U	10 U	0.34 J	9.5 U	9.6 U	9.7 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Pyrene	130	130		120	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	9.5 U	9.6 U	9.7 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
SVOC Library Search																							

Blank results = analyte not analyzed. U = Not detected. J = Organics; estimated. Inorganics; blank contamination. B = Organics; blank contamination. Inorganics; estimated. E = Inorganics: matrix interference. R= Result Rejected.

Table 2.2-4b
Groundwater Data Summary - SVOC Analyses
Former York Naval Ordnance Plant - York, PA

Location/ID Sample Date Parameter	PA MSC UA R (ug/L)	PA MSC UA NR (ug/L)	Federal MCL (ug/L)	EPA RSL (ug/L)	MW-134 7/5/12	MW-135 7/2/12	MW-138A 11/13/12	MW-141A 1/7/13	MW-142D 11/12/12	MW-142S 11/12/12	MW-143D 11/13/12	MW-143S 11/13/12	MW-144 11/20/12	MW-145A 2/5/13	MW-146 11/27/12	MW-147A 11/20/12	MW-150 10/21/13	MW-151 10/21/13	MW-155 10/8/13	MW-156 10/9/13	CW-8 5/6/08	CW-8 9/11/08	CW-9 4/16/04
Semi Volatile Organic Compound																							
1,2,2,4-Tetrachlorobutane																							
1,2,3-Trimethylbenzene				10																			
1,2,4,5-Tetramethylbenzene																							
1,2,4-Trichlorobenzene	70	70	70	1.1	9.6 U	9.6 U	10 U	9.7 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	9.6 U	9.7 U	9.6 U	10 U	9.4 U	9.6 U	1 U
1,2,4-Trimethylbenzene	15	62		15																			
1,2-Dichlorobenzene	600	600	600	300	9.6 U	9.6 U	10 U	9.7 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	9.6 U	9.7 U	9.6 U	10 U	9.4 U	9.6 U	10 U
1,3-Dichlorobenzene	600	600			9.6 U	9.6 U	10 U	9.7 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	9.6 U	9.7 U	9.6 U	10 U	9.4 U	9.6 U	10 U
1,3-Diethylbenzene																							
1,4-Dichlorobenzene	75	75	75	0.48	9.6 U	9.6 U	10 U	9.7 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	9.6 U	9.7 U	9.6 U	10 U	9.4 U	9.6 U	10 U
1-Ethyl-2,4-Dimethylbenzene																							
1-Ethyl-2-Methylbenzene																							
1-Ethyl-3-Methylbenzene																							
1-Ethyl-4-Methylbenzene																							
1-Methylcyclohexanol																							
1-Methylcyclopentanol																							
2,2-Dimethyl-Aziridine																							
2,3-Bis(Methylene)Bicyclo(3.2.1)Octane																							
2,3-Dihydro-1-Methylindene																							
2,3-Dihydroinden-1-One																							
2,4,5-Trichlorophenol	3700	10000		1200	9.6 U	9.6 U	10 U	9.7 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	9.6 U	9.7 U	9.6 U	10 U	9.4 U	9.6 U	
2,4,6-Trichlorophenol	37	100		4	9.6 U	9.6 U	10 U	9.7 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	9.6 U	9.7 U	9.6 U	10 U	9.4 U	9.6 U	10 U
2,4-Dichlorophenol	20	20		46	1.9 U	1.9 U	2.1 U	1.9 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	2.1 U	2 U	2 U	1.9 U	1.9 U	9.6 U	10 U	9.4 U	9.6 U	10 U
2,4-Dimethylphenol	730	2000		360	9.6 U	9.6 U	10 U	9.7 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	9.6 U	9.7 U	9.6 U	10 U	9.4 U	9.6 U	10 U
2,4-Dinitrophenol	73	200		39	48 U	48 U	52 U	49 U	52 U	51 U	52 U	52 U	52 U	53 U	51 U	51 U	48 U	49 U	48 U	50 U	47 U	48 U	40 U
2,4-Dinitrotoluene	2.1	8.4		0.24	9.6 U	9.6 U	10 U	9.7 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	9.6 U	9.7 U	9.6 U	10 U	9.4 U	9.6 U	2 U
2,6-Dinitrotoluene	37	100		0.048	9.6 U	9.6 U	10 U	9.7 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	9.6 U	9.7 U	9.6 U	10 U	9.4 U	9.6 U	2 U
2-Chloronaphthalene	2900	8200		750	1.9 U	1.9 U	2.1 U	1.9 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	2.1 U	2 U	2 U	1.9 U	1.9 U	1.9 U	2 U	9.4 U	9.6 U	10 U
2-Chlorophenol	40	40		91	9.6 U	9.6 U	10 U	9.7 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	9.6 U	9.7 U	9.6 U	10 U	9.4 U	9.6 U	10 U
2-Ethyl-1,3-Dimethylbenzene																							
2-Methyl-2-Hexanol																							
2-Methyl-2-Pentanol																							
2-Methylbutane																							
2-Methylnaphthalene	150	410		36	1.9 U	1.9 U	2.1 U	1.9 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	2.1 U	2 U	2 U	1.9 U	1.9 U	1.9 U	2 U	9.4 U	9.6 U	
2-Methylphenol	1800	5100		930	9.6 U	9.6 U	10 U	9.7 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	9.6 U	9.7 U	9.6 U	10 U	9.4 U	9.6 U	
2-Nitroaniline	110	310		190	48 U	48 U	52 U	49 U	52 U	51 U	52 U	52 U	52 U	53 U	51 U	51 U	48 U	49 U	48 U	50 U	47 U	48 U	
2-Nitrophenol	290	820			9.6 U	9.6 U	10 U	9.7 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	9.6 U	9.7 U	9.6 U	10 U	9.4 U	9.6 U	10 U
3-& 4-Methylphenol				180	9.6 U	9.6 U	10 U	9.7 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	9.6 U	9.7 U	9.6 U	10 U	9.4 U	9.6 U	
3,3'-Dichlorobenzidine	1.5	5.8		0.12	9.6 U	9.6 U	10 U	9.7 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	9.6 U	9.7 U	9.6 U	10 U	47 U	48 U	20 U
3-Methyl-3-Hexanol																							
3-Methyl-3-Pentanol																							
3-Nitroaniline	11	31			48 U	48 U	52 U	49 U	52 U	51 U	52 U	52 U	52 U	53 U	51 U	51 U	48 U	49 U	48 U	50 U	47 U	48 U	
4,6-Dinitro-2-Methylphenol	3.7	10		1.5	48 U	48 U	52 U	49 U	52 U	51 U	52 U	52 U	52 U	53 U	51 U	51 U	48 U	49 U	48 U	50 U	47 U	48 U	40 U
4-Bromophenyl phenyl ether					9.6 U	9.6 U	10 U	9.7 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	9.6 U	9.7 U	9.6 U	10 U	9.4 U	9.6 U	10 U
4-Chloro-3-Methyl-Phenol	180	510		1400	9.6 U	9.6 U	10 U	9.7 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	9.6 U	9.7 U	9.6 U	10 U	9.4 U	9.6 U	10 U
4-Chloroaniline	3.3	13		0.36	9.6 U	9.6 U	10 U	9.7 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	9.6 U	9.7 U	9.6 U	10 U	9.4 U	9.6 U	

Blank results = analyte not analyzed. U = Not detected. J = Organics; estimated. Inorganics; blank contamination. B = Organics; blank contamination. Inorganics; estimated. E = Inorganics: matrix interference. R= Result Rejected.

Table 2.2-4b
Groundwater Data Summary - SVOC Analyses
Former York Naval Ordnance Plant - York, PA

Location/ID Sample Date Parameter	PA MSC UA R (ug/L)	PA MSC UA NR (ug/L)	Federal MCL (ug/L)	EPA RSL (ug/L)	MW-134 7/5/12	MW-135 7/2/12	MW-138A 11/13/12	MW-141A 1/7/13	MW-142D 11/12/12	MW-142S 11/12/12	MW-143D 11/13/12	MW-143S 11/13/12	MW-144 11/20/12	MW-145A 2/5/13	MW-146 11/27/12	MW-147A 11/20/12	MW-150 10/21/13	MW-151 10/21/13	MW-155 10/8/13	MW-156 10/9/13	CW-8 5/6/08	CW-8 9/11/08	CW-9 4/16/04
4-Chlorodiphenyl Ether					9.6 U	9.6 U	10 U	9.7 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	9.6 U	9.7 U	9.6 U	10 U	9.4 U	9.6 U	10 U
4-Ethyl-1,2-Dimethylbenzene																							
4-Nitroaniline	33	130		3.8	48 U	48 U	52 U	49 U	52 U	51 U	52 U	52 U	52 U	53 U	51 U	51 U	48 U	49 U	48 U	50 U	47 U	48 U	
4-Nitrophenol	60	60			48 U	48 U	52 U	49 U	52 U	51 U	52 U	52 U	52 U	53 U	51 U	51 U	48 U	49 U	48 U	50 U	47 U	48 U	40 U
Acenaphthene	2200	3800		530	1.9 U	1.9 U	2.1 U	1.9 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	2.1 U	2 U	2 U	1.9 U	1.9 U	1.9 U	2 U	9.4 U	9.6 U	10 U
Acenaphthylene	2200	6100		530	1.9 U	1.9 U	2.1 U	1.9 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	2.1 U	2 U	2 U	1.9 U	1.9 U	1.9 U	2 U	9.4 U	9.6 U	10 U
Alpha-Methylstyrene	2600	7200		780																			
Anthracene	66	66		1800	1.9 U	1.9 U	2.1 U	1.9 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	2.1 U	2 U	2 U	1.9 U	1.9 U	1.9 U	2 U	9.4 U	9.6 U	10 U
Benzene, (2-Methyl-1-Propenyl)																							
Benzidine	0.00093	0.011		0.00011																			40 U
Benzo (A) Anthracene	0.29	3.6	0.2	0.034	1.9 U	1.9 U	2.1 U	1.9 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	2.1 U	2 U	2 U	1.9 U	1.9 U	1.9 U	2 U	9.4 U	9.6 U	1 U
Benzo (a) Pyrene	0.2	0.2	0.2	0.0034	1.9 U	1.9 U	2.1 U	1.9 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	2.1 U	2 U	2 U	1.9 U	1.9 U	1.9 U	2 U	9.4 U	9.6 U	1 U
Benzo (b) Fluoranthene	0.29	1.2		0.034	1.9 U	1.9 U	2.1 U	1.9 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	2.1 U	2 U	2 U	1.9 U	1.9 U	1.9 U	2 U	9.4 U	9.6 U	1 U
Benzo (b) Thiophene																							
Benzo (g,h,i) Perylene	0.26	0.26			1.9 U	1.9 U	2.1 U	1.9 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	2.1 U	2 U	2 U	1.9 U	1.9 U	1.9 U	2 U	9.4 U	9.6 U	10 U
Benzo (k) Fluoranthene	0.55	0.55		0.34	1.9 U	1.9 U	2.1 U	1.9 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	2.1 U	2 U	2 U	1.9 U	1.9 U	1.9 U	2 U	9.4 U	9.6 U	1 U
Benzofuran																							
Bis(2-Chloroethoxy) Methane	110	310		59	9.6 U	9.6 U	10 U	9.7 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	9.6 U	9.7 U	9.6 U	10 U	9.4 U	9.6 U	10 U
Bis(2-Chloroethyl) Ether	0.15	0.76		0.014	1.9 U	1.9 U	2.1 U	1.9 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	2.1 U	2 U	2 U	1.9 U	1.9 U	9.6 U	10 U	9.4 U	9.6 U	1 U
Bis(2-Chloroisopropyl) Ether	300	300		0.36	1.9 U	1.9 U	2.1 U	1.9 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	2.1 U	2 U	2 U	1.9 U	1.9 U	9.6 U	10 U	9.4 U	9.6 U	10 U
Bis(2-Ethylhexyl) Phthalate	6	6	6	5.6	19 U	19 U	21 U	19 U	21 U	20 U	21 U	21 U	21 U	21 U	20 U	20 U	19 U	19 U	19 U	11 J	10	9.6 U	10 U
Butylbenzylphthalate	350	1400		16	9.6 U	9.6 U	10 U	9.7 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	9.6 U	9.7 U	9.6 U	10 U	9.4 U	9.6 U	10 U
Carbazole	33	130			1.9 U	1.9 U	2.1 U	1.9 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	2.1 U	2 U	2 U	1.9 U	1.9 U	9.6 U	10 U	9.4 U	9.6 U	
Chrysene	1.9	1.9		3.4	1.9 U	1.9 U	2.1 U	1.9 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	2.1 U	2 U	2 U	1.9 U	1.9 U	1.9 U	2 U	9.4 U	9.6 U	10 U
Cyclohexane	13000	53000		13000																			
Dibenzo (a,h) Anthracene	0.029	0.36		0.0034	1.9 U	1.9 U	2.1 U	1.9 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	2.1 U	2 U	2 U	1.9 U	1.9 U	1.9 U	2 U	9.4 U	9.6 U	1 U
Dibenzofuran	37	100		7.9	9.6 U	9.6 U	10 U	9.7 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	9.6 U	9.7 U	9.6 U	10 U	9.4 U	9.6 U	
Diethylphthalate	29000	82000		15000	9.6 U	9.6 U	10 U	9.7 U	10 U	10 U	10 U	10 U	10 U	11 U	2 J B	10 U	9.6 U	9.7 U	9.6 U	10 U	9.4 U	9.6 U	10 U
Dimethylphthalate					9.6 U	9.6 U	10 U	9.7 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	9.6 U	9.7 U	9.6 U	10 U	9.4 U	9.6 U	10 U
Di-n-Butylphthalate	3700	10000		900	9.6 U	9.6 U	10 U	9.7 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	9.6 U	9.7 U	9.6 U	10 U	9.4 U	9.6 U	10 U
Di-n-octylphthalate	1500	3000		200	9.6 U	9.6 U	10 U	9.7 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	9.6 U	9.7 U	9.6 U	10 U	9.4 U	9.6 U	10 U
Fluoranthene	260	260		800	1.9 U	1.9 U	2.1 U	1.9 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	2.1 U	2 U	2 U	1.9 U	1.9 U	1.9 U	2 U	9.4 U	9.6 U	10 U
Fluorene	1500	1900		290	1.9 U	1.9 U	2.1 U	1.9 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	2.1 U	2 U	2 U	1.9 U	1.9 U	1.9 U	2 U	9.4 U	9.6 U	10 U
Hexachlorobenzene	1	1	1	0.049	1.9 U	1.9 U	2.1 U	1.9 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	2.1 U	2 U	2 U	1.9 U	1.9 U	9.6 U	10 U	9.4 U	9.6 U	1 U
Hexachlorobutadiene	8.5	33		0.3	1.9 U	1.9 U	2.1 U	1.9 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	2.1 U	2 U	2 U	1.9 U	1.9 U	9.6 U	10 U	9.4 U	9.6 U	2 U
Hexachlorocyclopentadiene	50	50	50	31	9.6 U	9.6 U	10 U	9.7 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	9.6 U	9.7 U	9.6 U	10 U	47 U	48 U	10 U
Hexachloroethane	1	1		0.9	9.6 U	9.6 U	10 U	9.7 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	9.6 U	9.7 U	9.6 U	10 U	9.4 U	9.6 U	1 U
Indane																							
Indeno (1,2,3-cd) Pyrene	0.29	3.6		0.034	1.9 U	1.9 U	2.1 U	1.9 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	2.1 U	2 U	2 U	1.9 U	1.9 U	1.9 U	2 U	9.4 U	9.6 U	1 U
Isobutylene																							
Isophorone	100	100		78	9.6 U	9.6 U	10 U	9.7 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	9.6 U	9.7 U	9.6 U	10 U	9.4 U	9.6 U	10 U
Methylcycloheptane																							
Naphthalene	100	100		0.17	1.9 U	1.9 U	2.1 U	1.9 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	2.1 U	2 U	2 U	1.9 U	1.9 U	1.9 U	2 U	9.4 U	9.6 U	10 U
Nitrobenzene	73	200		0.14	19 U	19 U	21 U	19 U	21 U	20 U	21 U	21 U	21 U	21 U	20 U	20 U	19 U	19 U	19 U	20 U	9.4 U	9.6 U	1 U
N-Nitrosodimethylamine	0.0014	0.018		0.00049																			10 U
N-Nitrosodi-N-Propylamine	0.094	0.37		0.011	1.9 U	1.9 U	2.1 U	1.9 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	2.1 U	2 U	2 U	1.9 U	1.9 U	9.6 U	10 U	9.4 U	9.6 U	1 U
N-Nitrosodiphenylamine	130	530		12	9.6 U	9.6 U	10 U	9.7 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	9.6 U	9.7 U	9.6 U	10 U	9.4 U	9.6 U	10 U
o-Xylene	10000	10000	10000	190																			
Pentachlorophenol	1	1	1	0.04	9.6 U	9.6 U	10 U	9.7 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	9.6 U	9.7 U	9.6 U	10 U	47 U	48 U	40 U
Phenanthrene	1100	1100			1.9 U	1.9 U	2.1 U	1.9 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	2.1 U	2 U	2 U	1.9 U	1.9 U	1.9 U	2 U	9.4 U	9.6 U	10 U
Phenol	2000	2000		5800	1.9 U	1.9 U	2.1 U	1.9 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	2.1 U	2 U	2 U	1.9 U	1.9 U	9.6 U	10 U	9.4 U	9.6 U	10 U
Pyrene	130	130		120	1.9 U	1.9 U	2.1 U	1.9 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	2.1 U	2 U	2 U	1.9 U	1.9 U	1.9 U	2 U	9.4 U	9.6 U	10 U
SVOC Library Search																							

Blank results = analyte not analyzed. U = Not detected. J = Organics; estimated. Inorganics; blank contamination. B = Organics; blank contamination. Inorganics; estimated. E = Inorganics: matrix interference. R= Result Rejected.

Table 2.2-4b
Groundwater Data Summary - SVOC Analyses
Former York Naval Ordnance Plant - York, PA

Location/ID Sample Date Parameter	PA MSC UA R (ug/L)	PA MSC UA NR (ug/L)	Federal MCL (ug/L)	EPA RSL (ug/L)	CW-12 3/29/00	CW-12A 3/30/00	CW-15 9/1/99	CW-15 4/10/00	CW-15A 5/6/08	CW-15A 10/9/08	RW-2 7/30/99	RW-2 3/30/00	RW-5 7/30/99	RW-5 3/31/00
Semi Volatile Organic Compound														
1,2,2,4-Tetrachlorobutane							29 J							
1,2,3-Trimethylbenzene				10										
1,2,4,5-Tetramethylbenzene														
1,2,4-Trichlorobenzene	70	70	70	1.1					9.4 U	9.4 U				
1,2,4-Trimethylbenzene	15	62		15										
1,2-Dichlorobenzene	600	600	600	300	2 U	2 U		20 U	9.4 U	9.4 U	2 U	2 U	2 U	2 U
1,3-Dichlorobenzene	600	600							9.4 U	9.4 U				
1,3-Diethylbenzene														
1,4-Dichlorobenzene	75	75	75	0.48	2 U	2 U		20 U	9.4 U	9.4 U	2 U	2 U	2 U	2 U
1-Ethyl-2,4-Dimethylbenzene														
1-Ethyl-2-Methylbenzene														
1-Ethyl-3-Methylbenzene														
1-Ethyl-4-Methylbenzene														
1-Methylcyclohexanol														
1-Methylcyclopentanol														
2,2-Dimethyl-Aziridine														
2,3-Bis(Methylene)Bicyclo(3.2.1)Octane														
2,3-Dihydro-1-Methylindene														
2,3-Dihydroinden-1-One														
2,4,5-Trichlorophenol	3700	10000		1200					9.4 U	9.4 U				
2,4,6-Trichlorophenol	37	100		4					9.4 U	9.4 U				
2,4-Dichlorophenol	20	20		46					9.4 U	9.4 U				
2,4-Dimethylphenol	730	2000		360					9.4 U	9.4 U				
2,4-Dinitrophenol	73	200		39					47 U	47 U				
2,4-Dinitrotoluene	2.1	8.4		0.24					9.4 U	9.4 U				
2,6-Dinitrotoluene	37	100		0.048					9.4 U	9.4 U				
2-Chloronaphthalene	2900	8200		750					9.4 U	9.4 U				
2-Chlorophenol	40	40		91					9.4 U	9.4 U				
2-Ethyl-1,3-Dimethylbenzene														
2-Methyl-2-Hexanol														
2-Methyl-2-Pentanol														
2-Methylbutane														
2-Methylnaphthalene	150	410		36					9.4 U	9.4 U				
2-Methylphenol	1800	5100		930					9.4 U	9.4 U				
2-Nitroaniline	110	310		190					47 U	47 U				
2-Nitrophenol	290	820							9.4 U	9.4 U				
3-& 4-Methylphenol				180					9.4 U	9.4 U				
3,3'-Dichlorobenzidine	1.5	5.8		0.12					47 U	47 U				
3-Methyl-3-Hexanol														
3-Methyl-3-Pentanol														
3-Nitroaniline	11	31							47 U	47 U				
4,6-Dinitro-2-Methylphenol	3.7	10		1.5					47 U	47 U				
4-Bromophenyl phenyl ether									9.4 U	9.4 U				
4-Chloro-3-Methyl-Phenol	180	510		1400					9.4 U	9.4 U				
4-Chloroaniline	3.3	13		0.36					9.4 U	9.4 U				

Blank results = analyte not analyzed. U = Not detected. J = Organics; estimated. Inorganics; blank contamination. B = Organics; blank contamination. Inorganics; estimated. E = Inorganics: matrix interference. R= Result Rejected.

Table 2.2-4b
Groundwater Data Summary - SVOC Analyses
Former York Naval Ordnance Plant - York, PA

Location/ID Sample Date Parameter	PA MSC UA R (ug/L)	PA MSC UA NR (ug/L)	Federal MCL (ug/L)	EPA RSL (ug/L)	CW-12 3/29/00	CW-12A 3/30/00	CW-15 9/1/99	CW-15 4/10/00	CW-15A 5/6/08	CW-15A 10/9/08	RW-2 7/30/99	RW-2 3/30/00	RW-5 7/30/99	RW-5 3/31/00
4-Chlorodiphenyl Ether									9.4 U	9.4 U				
4-Ethyl-1,2-Dimethylbenzene														
4-Nitroaniline	33	130		3.8					47 U	47 U				
4-Nitrophenol	60	60							47 U	47 U				
Acenaphthene	2200	3800		530					9.4 U	9.4 U				
Acenaphthylene	2200	6100		530					9.4 U	9.4 U				
Alpha-Methylstyrene	2600	7200		780										
Anthracene	66	66		1800					9.4 U	9.4 U				
Benzene, (2-Methyl-1-Propenyl)														
Benzidine	0.00093	0.011		0.00011										
Benzo (A) Anthracene	0.29	3.6	0.2	0.034					9.4 U	9.4 U				
Benzo (a) Pyrene	0.2	0.2	0.2	0.0034					9.4 U	9.4 U				
Benzo (b) Fluoranthene	0.29	1.2		0.034					9.4 U	9.4 U				
Benzo (b) Thiophene														
Benzo (g,h,i) Perylene	0.26	0.26							9.4 U	9.4 U				
Benzo (k) Fluoranthene	0.55	0.55		0.34					9.4 U	9.4 U				
Benzofuran														
Bis(2-Chloroethoxy) Methane	110	310		59					9.4 U	9.4 U				
Bis(2-Chloroethyl) Ether	0.15	0.76		0.014					9.4 U	9.4 U				
Bis(2-Chloroisopropyl) Ether	300	300		0.36					9.4 U	9.4 U				
Bis(2-Ethylhexyl) Phthalate	6	6	6	5.6					9 J	9.4 U				
Butylbenzylphthalate	350	1400		16					9.4 U	9.4 U				
Carbazole	33	130							9.4 U	9.4 U				
Chrysene	1.9	1.9		3.4					9.4 U	9.4 U				
Cyclohexane	13000	53000		13000										
Dibenzo (a,h) Anthracene	0.029	0.36		0.0034					9.4 U	9.4 U				
Dibenzofuran	37	100		7.9					9.4 U	9.4 U				
Diethylphthalate	29000	82000		15000					9.4 U	9.4 U				
Dimethylphthalate									9.4 U	9.4 U				
Di-n-Butylphthalate	3700	10000		900					9.4 U	9.4 U				
Di-n-octylphthalate	1500	3000		200					9.4 U	9.4 U				
Fluoranthene	260	260		800					9.4 U	9.4 U				
Fluorene	1500	1900		290					9.4 U	9.4 U				
Hexachlorobenzene	1	1	1	0.049					9.4 U	9.4 U				
Hexachlorobutadiene	8.5	33		0.3					9.4 U	9.4 U				
Hexachlorocyclopentadiene	50	50	50	31					47 U	47 U				
Hexachloroethane	1	1		0.9					9.4 U	9.4 U				
Indane														
Indeno (1,2,3-cd) Pyrene	0.29	3.6		0.034					9.4 U	9.4 U				
Isobutylene														
Isophorone	100	100		78					9.4 U	9.4 U				
Methylcycloheptane														
Naphthalene	100	100		0.17					9.4 U	9.4 U				
Nitrobenzene	73	200		0.14					9.4 U	9.4 U				
N-Nitrosodimethylamine	0.0014	0.018		0.00049										
N-Nitrosodi-N-Propylamine	0.094	0.37		0.011					9.4 U	9.4 U				
N-Nitrosodiphenylamine	130	530		12					9.4 U	9.4 U				
o-Xylene	10000	10000	10000	190										
Pentachlorophenol	1	1	1	0.04					1.7 J	47 U				
Phenanthrene	1100	1100							9.4 U	9.4 U				
Phenol	2000	2000		5800					9.4 U	9.4 U				
Pyrene	130	130		120					9.4 U	9.4 U				
SVOC Library Search														

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