TABLE G-52
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - SOUTHERN PARCEL - (MW-7M)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

Chemical	Changes in Body Weight			Develop. Effects			Blood Effects			Kidney Effects			Neuro. Effects			GI Effects			Vascular Effects			Liver Effects			Dec. Longevity		
	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl																											
2,3,7-8 TCDD TEQ				1.43E-02		1.43E-02							1.43E-02		1.43E-02												
2,4-Dimethylphenol																											
2-Methylnaphthalene																											
Acenaphthene																											
Acenaphthylene																						7.59E-04		7.59E-04			
Aluminum				9.41E-03		9.41E-03								3.65E-03	3.65E-03												
Anthracene																											
Antimony							1.40E-01		1.40E-01																1.40E-01		1.40E-01
Arsenic					2.82E-04	2.82E-04								2.82E-04	2.82E-04				1.35E-01	2.82E-04	1.36E-01						
Barium					4.06E-04	4.06E-04				5.83E-04		5.83E-04															
Benzene							4.18E-06	3.53E-04	3.58E-04																		
Benzo(a)anthracene										1.58E-03	3.68E-08	1.58E-03															
Benzo(a)pyrene										1.23E-03	2.72E-08	1.23E-03															
Benzo(b)fluoranthene										1.01E-03	2.51E-08	1.01E-03															
Benzo(g,h,i)perylene										6.16E-04		6.16E-04															
Benzo(k)fluoranthene										1.16E-03	2.54E-08	1.16E-03															
Cadmium										1.12E-03	8.45E-05	1.20E-03															
Carbazole																											
Chromium (total)																											
Chrysene										1.44E-03		1.44E-03															
Copper																7.77E-04		7.77E-04									
Cyanide																											
Dibenz(a,h)anthracene										1.49E-04	5.76E-09	1.49E-04															
Dibenzofuran	1.19E-02		1.19E-02																								
Ethylbenzene																											
Fluoranthene							3.08E-03		3.08E-03	3.08E-03		3.08E-03										3.08E-03		3.08E-03			
Fluorene							1.22E-03		1.22E-03																		
Indeno(1,2,3-cd)pyrene										5.80E-04	1.72E-08	5.80E-04															
Iron																8.35E-02		8.35E-02									
Isopropylbenzene																											
Lead																											
Manganese													1.55E-01	7.36E-02	2.28E-01												
Mercury														2.42E-08	2.42E-08												
Naphthalene	7.52E-03		7.52E-03																								
o-Cresol (2-Methylphenol)																											
p-Cresol (4-Methylphenol)																											
Phenanthrene																											
Phenol																											
Pyrene										3.39E-03		3.39E-03															
Selenium																											
Styrene																											
Thallium																											
Toluene																											
Total PCBs																											
Total Xylenes																											
Trichloroethene																											
Vanadium																											
Zinc							6.30E-04		6.30E-04																		
1-Methylnaphthalene																											
1,2,4-Trichlorobenzene																											
Bis(2-Ethylhexyl)phthalate																											
Tetrachloroethene																											
Vinyl Chloride																											
Total	1.94E-02		1.94E-02	2.37E-02	6.69E-04	2.44E-02	1.45E-01	3.53E-04	1.45E-01	1.60E-02	8.46E-05	1.60E-02	1.69E-01	7.75E-02	2.47E-01	8.43E-02		8.43E-02	1.35E-01	2.82E-04	1.36E-01	3.84E-03		3.84E-03	1.40E-01		1.40E-01

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedence of the target hazard index of 1, or values that significantly contribute to an exceedence.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-E2
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - SOUTHERN PARCEL - (MW-7M)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

Chemical	Nasal Effects			Immune Effects			Hair and Nail Effects			Skin Effects			Eye Effects			Respiratory Effects			No Adverse Effects		
	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl																					
2,3,7-8 TCDD TEQ																					
2,4-Dimethylphenol																					
2-Methylnaphthalene																6.74E-03		6.74E-03			
Acenaphthene																					
Acenaphthylene																					
Aluminum																					
Anthracene																					
Antimony																					
Arsenic										1.35E-01		1.35E-01									
Barium																					
Benzene																					
Benzo(a)anthracene																					
Benzo(a)pyrene																					
Benzo(b)fluoranthene																					
Benzo(g,h,i)perylene																					
Benzo(k)fluoranthene																					
Cadmium																	8.45E-05	8.45E-05			
Carbazole																					
Chromium (total)																			7.51E-05		7.51E-05
Chrysene																					
Copper																					
Cyanide																					
Dibenz(a,h)anthracene																					
Dibenzofuran																					
Ethylbenzene																					
Fluoranthene																					
Fluorene																					
Indeno(1,2,3-cd)pyrene																					
Iron																					
Isopropylbenzene																					
Lead																					
Manganese																					
Mercury				7.38E-04		7.38E-04															
Naphthalene		6.49E-01	6.49E-01																		
o-Cresol (2-Methylphenol)																					
p-Cresol (4-Methylphenol)																					
Phenanthrene																			5.82E-04		5.82E-04
Phenol																					
Pyrene																					
Selenium																					
Styrene																					
Thallium																					
Toluene																					
Total PCBs				2.68E-02	9.61E-06	2.68E-02	2.68E-02	9.61E-06	2.68E-02				2.68E-02	9.61E-06	2.68E-02						
Total Xylenes																					
Trichloroethene																					
Vanadium							4.74E-03		4.74E-03												
Zinc																					
1-Methylnaphthalene																					
1,2,4-Trichlorobenzene																					
Bis(2-Ethylhexyl)phthalate																					
Tetrachloroethene																					
Vinyl Chloride																					
Total		6.49E-01	6.49E-01	2.75E-02	9.61E-06	2.75E-02	3.15E-02	9.61E-06	3.15E-02	1.35E-01		1.35E-01	2.68E-02	9.61E-06	2.68E-02	6.74E-03	8.45E-05	6.82E-03	6.57E-04		6.57E-04

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedance of the target hazard index of 1, or values that significantly contribute to an exceedance.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-53
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - SOUTHERN PARCEL - (MW-7S)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

	Changes in Body Weight			Develop. Effects			Blood Effects			Kidney Effects			Neuro. Effects			GI Effects			Vascular Effects			Liver Effects			Dec. Longevity		
Chemical	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl																											
2,3,7-8 TCDD TEQ				1.43E-02		1.43E-02							1.43E-02		1.43E-02												
2,4-Dimethylphenol																											
2-Methylnaphthalene																											
Acenaphthene																											
Acenaphthylene																						7.59E-04		7.59E-04			
Aluminum				9.41E-03		9.41E-03								3.65E-03	3.65E-03												
Anthracene																											
Antimony							1.40E-01		1.40E-01																1.40E-01		1.40E-01
Arsenic					2.82E-04	2.82E-04								2.82E-04	2.82E-04				2.13E-02	2.82E-04	2.15E-02						
Barium					4.06E-04	4.06E-04				5.63E-04		5.63E-04															
Benzene							4.19E-06	3.53E-04	3.58E-04																		
Benzo(a)anthracene										1.58E-03	3.68E-06	1.58E-03															
Benzo(a)pyrene										1.23E-03	2.72E-06	1.23E-03															
Benzo(b)fluoranthene										1.01E-03	2.51E-06	1.01E-03															
Benzo(g,h,i)perylene										8.16E-04		8.16E-04															
Benzo(k)fluoranthene										1.18E-03	2.54E-06	1.18E-03															
Cadmium										1.12E-03	8.45E-05	1.20E-03															
Carbazole																											
Chromium (total)																											
Chrysene										1.44E-03		1.44E-03															
Copper																7.77E-04		7.77E-04									
Cyanide																											
Dibenz(a,h)anthracene										1.49E-04	5.78E-09	1.49E-04															
Dibenzofuran	1.19E-02		1.19E-02																								
Ethylbenzene																											
Fluoranthene							3.08E-03		3.08E-03	3.08E-03		3.08E-03										3.08E-03		3.08E-03			
Fluorene							1.22E-03		1.22E-03																		
Indeno(1,2,3-cd)pyrene										5.80E-04	1.72E-08	5.80E-04															
Iron																3.67E-02		3.67E-02									
Isopropylbenzene																											
Lead																											
Manganese													1.79E-01	7.36E-02	2.53E-01												
Mercury														2.42E-06	2.42E-06												
Naphthalene	7.52E-03		7.52E-03																								
o-Cresol (2-Methylphenol)																											
p-Cresol (4-Methylphenol)																											
Phenanthrene																											
Phenol																											
Pyrene										3.39E-03		3.39E-03															
Selenium																											
Styrene																											
Thallium																											
Toluene																											
Total PCBs																											
Total Xylenes																											
Trichloroethene																											
Vanadium																											
Zinc							6.30E-04		6.30E-04																		
1-Methylnaphthalene																											
1,2,4-Trichlorobenzene																											
Bis(2-Ethylhexyl)phthalate																											
Tetrachloroethene																											
Vinyl Chloride																											
Total	1.94E-02		1.94E-02	2.37E-02	6.88E-04	2.44E-02	1.45E-01	3.53E-04	1.45E-01	1.60E-02	9.46E-05	1.60E-02	1.94E-01	7.75E-02	2.71E-01	3.75E-02		3.75E-02	2.13E-02	2.82E-04	2.15E-02	3.84E-03		3.84E-03	1.40E-01		1.40E-01

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedence of the target hazard index of 1, or values that significantly contribute to an exceedence.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-53
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - SOUTHERN PARCEL - (MW-7S)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

Chemical	Nasal Effects			Immune Effects			Hair and Nail Effects			Skin Effects			Eye Effects			Respiratory Effects			No Adverse Effects		
	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl																					
2,3,7-8 TCDD TEQ																					
2,4-Dimethylphenol																					
2-Methylnaphthalene																6.74E-03		6.74E-03			
Acenaphthene																					
Acenaphthylene																					
Aluminum																					
Anthracene																					
Antimony																					
Arsenic										2.13E-02		2.13E-02									
Barium																					
Benzene																					
Benzo(a)anthracene																					
Benzo(a)pyrene																					
Benzo(b)fluoranthene																					
Benzo(g,h,i)perylene																					
Benzo(k)fluoranthene																					
Cadmium																	8.45E-05	8.45E-05			
Carbazole																					
Chromium (total)																			7.51E-05		7.51E-05
Chrysene																					
Copper																					
Cyanide																			8.22E-02		8.22E-02
Dibenz(a,h)anthracene																					
Dibenzofuran																					
Ethylbenzene																					
Fluoranthene																					
Fluorene																					
Indeno(1,2,3-cd)pyrene																					
Iron																					
Isopropylbenzene																					
Lead																					
Manganese																					
Mercury				7.36E-04		7.36E-04															
Naphthalene		6.49E-01	6.49E-01																		
o-Cresol (2-Methylphenol)																					
p-Cresol (4-Methylphenol)																					
Phenanthrene																			5.62E-04		5.62E-04
Phenol																					
Pyrene																					
Selenium																					
Styrene																					
Thallium																					
Toluene																					
Total PCBs				2.68E-02	9.61E-06	2.68E-02	2.68E-02	9.61E-06	2.68E-02				2.68E-02	9.61E-06	2.68E-02						
Total Xylenes																					
Trichloroethene																					
Vanadium							4.74E-03		4.74E-03												
Zinc																					
1-Methylnaphthalene																					
1,2,4-Trichlorobenzene																					
Bis(2-Ethylhexyl)phthalate																					
Tetrachloroethene																					
Vinyl Chloride																					
Total		6.49E-01	6.49E-01	2.75E-02	9.61E-06	2.75E-02	3.15E-02	9.61E-06	3.15E-02	2.13E-02		2.13E-02	2.68E-02	9.61E-06	2.68E-02	6.74E-03	8.45E-05	6.82E-03	8.28E-02		8.28E-02

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedence of the target hazard index of 1, or values that significantly contribute to an exceedence.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-54
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - SOUTHERN PARCEL - (MW-19S)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

Chemical	Changes in Body Weight			Develop. Effects			Blood Effects			Kidney Effects			Neuro. Effects			GI Effects			Vascular Effects			Liver Effects			Dec. Longevity		
	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl																											
2,3,7-8 TCDD TEQ				1.43E-02		1.43E-02							1.43E-02		1.43E-02												
2,4-Dimethylphenol																											
2-Methylnaphthalene																											
Acenaphthene																											
Acenaphthylene																						7.59E-04		7.59E-04			
Aluminum				8.41E-03		8.41E-03								3.65E-03	3.65E-03												
Anthracene																											
Antimony							1.40E-01		1.40E-01																1.40E-01		1.40E-01
Arsenic					2.82E-04	2.82E-04								2.82E-04	2.82E-04				2.33E-01	2.82E-04	2.34E-01						
Barium					4.06E-04	4.06E-04				5.83E-04		5.83E-04															
Benzene							4.18E-06	3.53E-04	3.58E-04																		
Benzo(a)anthracene										1.58E-03	3.68E-06	1.58E-03															
Benzo(a)pyrene										1.23E-03	2.72E-06	1.23E-03															
Benzo(b)fluoranthene										1.01E-03	2.51E-06	1.01E-03															
Benzo(g,h,i)perylene										6.16E-04		6.16E-04															
Benzo(k)fluoranthene										1.16E-03	2.54E-06	1.16E-03															
Cadmium										1.12E-03	8.45E-05	1.20E-03															
Carbazole																											
Chromium (total)																											
Chrysene										1.44E-03		1.44E-03															
Copper																7.77E-04		7.77E-04									
Cyanide																											
Dibenz(a,h)anthracene										1.49E-04	5.76E-09	1.49E-04															
Dibenzofuran	1.19E-02		1.19E-02																								
Ethylbenzene																											
Fluoranthene							3.08E-03		3.08E-03	3.08E-03		3.08E-03										3.08E-03		3.08E-03			
Fluorene							1.22E-03		1.22E-03																		
Indeno(1,2,3-cd)pyrene										5.80E-04	1.72E-06	5.80E-04															
Iron																3.67E-02		3.67E-02									
Isopropylbenzene																											
Lead																											
Manganese													1.50E-01	7.36E-02	2.24E-01												
Mercury														2.42E-06	2.42E-06												
Naphthalene	7.52E-03		7.52E-03																								
o-Cresol (2-Methylphenol)																											
p-Cresol (4-Methylphenol)																											
Phenanthrene																											
Phenol																											
Pyrene										3.39E-03		3.39E-03															
Selenium																											
Styrene																											
Thallium																											
Toluene																											
Total PCBs																											
Total Xylenes																											
Trichloroethane																											
Vanadium																											
Zinc							6.30E-04		6.30E-04																		
1-Methylnaphthalene																											
1,2,4-Trichlorobenzene																											
Bis(2-Ethylhexyl)phthalate																											
Tetrachloroethene																											
Vinyl Chloride																											
Total	1.94E-02		1.94E-02	2.37E-02	6.89E-04	2.44E-02	1.45E-01	3.53E-04	1.45E-01	1.60E-02	8.46E-05	1.60E-02	1.65E-01	7.75E-02	2.42E-01	3.75E-02		3.75E-02	2.33E-01	2.82E-04	2.34E-01	3.84E-03		3.84E-03	1.40E-01		1.40E-01

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedence of the target hazard index of 1, or values that significantly contribute to an exceedence.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-54
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - SOUTHERN PARCEL - (MW-19S)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

	Nasal Effects			Immune Effects			Hair and Nail Effects			Skin Effects			Eye Effects			Respiratory Effects			No Adverse Effects		
Chemical	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl																					
2,3,7-8 TCDD TEQ																					
2,4-Dimethylphenol																					
2-Methylnaphthalene																6.74E-03		6.74E-03			
Acenaphthene																					
Acenaphthylene																					
Aluminum																					
Anthracene																					
Antimony																					
Arsenic										2.33E-01		2.33E-01									
Barium																					
Benzene																					
Benzo(a)anthracene																					
Benzo(a)pyrene																					
Benzo(b)fluoranthene																					
Benzo(g,h,i)perylene																					
Benzo(k)fluoranthene																					
Cadmium																	6.45E-05	6.45E-05			
Carbazole																					
Chromium (total)																			7.51E-05		7.51E-05
Chrysene																					
Copper																					
Cyanide																					
Dibenz(a,h)anthracene																					
Dibenzofuran																					
Ethylbenzene																					
Fluoranthene																					
Fluorene																					
Indeno(1,2,3-cd)pyrene																					
Iron																					
Isopropylbenzene																					
Lead																					
Manganese																					
Mercury				7.38E-04		7.38E-04															
Naphthalene		6.49E-01	6.49E-01																		
o-Cresol (2-Methylphenol)																					
p-Cresol (4-Methylphenol)																					
Phenanthrene																			5.82E-04		5.82E-04
Phenol																					
Pyrene																					
Selenium																					
Styrene																					
Thallium																					
Toluene																					
Total PCBs				2.68E-02	9.61E-06	2.68E-02	2.68E-02	9.61E-06	2.68E-02				2.68E-02	9.61E-06	2.68E-02						
Total Xylenes																					
Trichloroethene																					
Vanadium							4.74E-03		4.74E-03												
Zinc																					
1-Methylnaphthalene																					
1,2,4-Trichlorobenzene																					
Bis(2-Ethylhexyl)phthalate																					
Tetrachloroethene																					
Vinyl Chloride																					
Total		6.49E-01	6.49E-01	2.75E-02	9.61E-06	2.75E-02	3.15E-02	9.61E-06	3.15E-02	2.33E-01		2.33E-01	2.68E-02	9.61E-06	2.68E-02	6.74E-03	6.45E-05	6.82E-03	6.57E-04		6.57E-04

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedence of the target hazard index of 1, or values that significantly contribute to an exceedence.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-65
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - SOUTHERN PARCEL - (MW-22S)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

	Changes in Body Weight			Develop. Effects			Blood Effects			Kidney Effects			Neuro. Effects			GI Effects			Vascular Effects			Liver Effects			Dec. Longevity		
Chemical	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl																											
2,3,7-8 TCDD TEQ				1.43E-02		1.43E-02							1.43E-02		1.43E-02												
2,4-Dimethylphenol																											
2-Methylnaphthalene																											
Acenaphthene																											
Acenaphthylene																						7.59E-04		7.59E-04			
Aluminum				9.41E-03		9.41E-03								3.65E-03	3.65E-03												
Anthracene																											
Antimony							1.40E-01		1.40E-01																1.40E-01		1.40E-01
Arsenic					2.82E-04	2.82E-04								2.82E-04	2.82E-04				2.13E-02	2.82E-04	2.15E-02						
Barium					4.06E-04	4.06E-04				5.83E-04		5.83E-04															
Benzene							4.18E-08	3.53E-04	3.58E-04																		
Benzo(a)anthracene										1.58E-03	3.68E-08	1.58E-03															
Benzo(a)pyrene										1.23E-03	2.72E-08	1.23E-03															
Benzo(b)fluoranthene										1.01E-03	2.51E-08	1.01E-03															
Benzo(g,h,i)perylene										8.16E-04		8.16E-04															
Benzo(k)fluoranthene										1.18E-03	2.54E-08	1.18E-03															
Cadmium										1.12E-03	8.45E-06	1.20E-03															
Carbazole																											
Chromium (total)																											
Chrysene										1.44E-03		1.44E-03															
Copper																7.77E-04		7.77E-04									
Cyanide																											
Dibenz(a,h)anthracene										1.49E-04	5.76E-09	1.49E-04															
Dibenzofuran	1.19E-02		1.19E-02																								
Ethylbenzene																											
Fluoranthene							3.08E-03		3.08E-03	3.08E-03		3.08E-03										3.08E-03		3.08E-03			
Fluorene							1.22E-03		1.22E-03																		
Indeno(1,2,3-cd)pyrene										5.80E-04	1.72E-08	5.80E-04															
Iron																3.67E-02		3.67E-02									
Isopropylbenzene																											
Lead																											
Manganese													1.26E-01	7.36E-02	2.00E-01												
Mercury														2.42E-06	2.42E-06												
Naphthalene	7.52E-03		7.52E-03																								
o-Cresol (2-Methylphenol)																											
p-Cresol (4-Methylphenol)																											
Phenanthrene																											
Phenol																											
Pyrene										3.39E-03		3.39E-03															
Selenium																											
Styrene																											
Thallium																											
Toluene																											
Total PCBs																											
Total Xylenes																											
Trichloroethene																											
Vanadium																											
Zinc							6.30E-04		6.30E-04																		
1-Methylnaphthalene																											
1,2,4-Trichlorobenzene																											
Bis(2-Ethylhexyl)phthalate																											
Tetrachloroethene																											
Vinyl Chloride																											
Total	1.94E-02		1.94E-02	2.37E-02	6.88E-04	2.44E-02	1.45E-01	3.53E-04	1.45E-01	1.60E-02	8.46E-06	1.60E-02	1.40E-01	7.75E-02	2.18E-01	3.75E-02		3.75E-02	2.13E-02	2.82E-04	2.15E-02	3.84E-03		3.84E-03	1.40E-01		1.40E-01

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedence of the target hazard index of 1, or values that significantly contribute to an exceedence.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-55
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - SOUTHERN PARCEL - (MW-22S)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

	Nasal Effects			Immune Effects			Hair and Nail Effects			Skin Effects			Eye Effects			Respiratory Effects			No Adverse Effects		
Chemical	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl																					
2,3,7-8 TCDD TEQ																					
2,4-Dimethylphenol																					
2-Methylnaphthalene																6.74E-03		6.74E-03			
Acenaphthene																					
Acenaphthylene																					
Aluminum																					
Anthracene																					
Antimony																					
Arsenic										2.13E-02		2.13E-02									
Barium																					
Benzene																					
Benzo(a)anthracene																					
Benzo(a)pyrene																					
Benzo(b)fluoranthene																					
Benzo(g,h,i)perylene																					
Benzo(k)fluoranthene																					
Cadmium																	8.45E-05	8.45E-05			
Carbazole																					
Chromium (total)																			7.51E-05		7.51E-05
Chrysene																					
Copper																					
Cyanide																					
Dibenz(a,h)anthracene																					
Dibenzofuran																					
Ethylbenzene																					
Fluoranthene																					
Fluorene																					
Indeno(1,2,3-cd)pyrene																					
Iron																					
Isopropylbenzene																					
Lead																					
Manganese																					
Mercury				7.38E-04		7.38E-04															
Naphthalene		6.49E-01	6.49E-01																		
o-Cresol (2-Methylphenol)																					
p-Cresol (4-Methylphenol)																					
Phenanthrene																			5.82E-04		5.82E-04
Phenol																					
Pyrene																					
Selenium																					
Styrene																					
Thallium																					
Toluene																					
Total PCBs				2.68E-02	9.61E-06	2.68E-02	2.68E-02	9.61E-06	2.68E-02				2.68E-02	9.61E-06	2.68E-02						
Total Xylenes																					
Trichloroethene																					
Vanadium							2.55E-02		2.55E-02												
Zinc																					
1-Methylnaphthalene																					
1,2,4-Trichlorobenzene																					
Bis(2-Ethylhexyl)phthalate																					
Tetrachloroethene																					
Vinyl Chloride																					
Total		6.49E-01	6.49E-01	2.75E-02	9.61E-06	2.75E-02	5.23E-02	9.61E-06	5.23E-02	2.13E-02		2.13E-02	2.68E-02	9.61E-06	2.68E-02	6.74E-03	8.45E-05	6.82E-03	6.57E-04		6.57E-04

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedance of the target hazard index of 1, or values that significantly contribute to an exceedance.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-56
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - SOUTHERN PARCEL - (MW-23S)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

	Changes in Body Weight			Develop. Effects			Blood Effects			Kidney Effects			Neuro. Effects			GI Effects			Vascular Effects			Liver Effects			Dec. Longevity		
Chemical	**Ing**	**Inh**	**Total**	**Ing**	**Inh**	**Total**	**Ing**	**Inh**	**Total**	**Ing**	**Inh**	**Total**	**Ing**	**Inh**	**Total**	**Ing**	**Inh**	**Total**	**Ing**	**Inh**	**Total**	**Ing**	**Inh**	**Total**	**Ing**	**Inh**	**Total**
1,1-Biphenyl																											
2,3,7-8 TCDD TEQ				1.43E-02		1.43E-02							1.43E-02		1.43E-02												
2,4-Dimethylphenol																											
2-Methylnaphthalene																											
Acenaphthene																											
Acenaphthylene																						7.59E-04		7.59E-04			
Aluminum				9.41E-03		9.41E-03								3.65E-03	3.65E-03												
Anthracene																											
Antimony							1.40E-01		1.40E-01																1.40E-01		1.40E-01
Arsenic					2.82E-04	2.82E-04								2.82E-04	2.82E-04				2.13E-02	2.62E-04	2.15E-02						
Barium					4.06E-04	4.06E-04				5.83E-04		5.83E-04															
Benzene							4.18E-08	3.53E-04	3.58E-04																		
Benzo(a)anthracene										1.58E-03	3.68E-08	1.58E-03															
Benzo(a)pyrene										1.27E-03	2.72E-08	1.27E-03															
Benzo(b)fluoranthene										1.01E-03	2.51E-08	1.01E-03															
Benzo(g,h,i)perylene										8.16E-04		8.16E-04															
Benzo(k)fluoranthene										1.18E-03	2.54E-08	1.18E-03															
Cadmium										1.12E-03	8.45E-05	1.20E-03															
Carbazole																											
Chromium (total)																											
Chrysene										1.44E-03		1.44E-03															
Copper																7.77E-04		7.77E-04									
Cyanide																											
Dibenz(a,h)anthracene										1.49E-04	5.78E-09	1.49E-04															
Dibenzofuran	1.19E-02		1.19E-02																								
Ethylbenzene																											
Fluoranthene							3.06E-03		3.06E-03	3.06E-03		3.06E-03										3.06E-03		3.06E-03			
Fluorene							1.22E-03		1.22E-03																		
Indeno(1,2,3-cd)pyrene										5.80E-04	1.72E-08	5.80E-04															
Iron																3.67E-02		3.67E-02									
Isopropylbenzene																											
Lead																											
Manganese													8.92E-03	7.36E-02	1.63E-01												
Mercury														2.42E-06	2.42E-06												
Naphthalene	7.52E-03		7.52E-03																								
o-Cresol (2-Methylphenol)																											
p-Cresol (4-Methylphenol)																											
Phenanthrene																											
Phenol																											
Pyrene										3.39E-03		3.39E-03															
Selenium																											
Styrene																											
Thallium																											
Toluene																											
Total PCBs																											
Total Xylenes																											
Trichloroethene																											
Vanadium																											
Zinc							6.30E-04		6.30E-04																		
1-Methylnaphthalene																											
1,2,4-Trichlorobenzene																											
Bis(2-Ethylhexyl)phthalate																											
Tetrachloroethene																											
Vinyl Chloride																											
Total	1.94E-02		1.94E-02	2.37E-02	6.86E-04	2.44E-02	1.45E-01	3.53E-04	1.45E-01	1.60E-02	8.46E-05	1.61E-02	1.03E-01	7.75E-02	1.81E-01	3.75E-02		3.75E-02	2.13E-02	2.62E-04	2.15E-02	3.84E-03		3.84E-03	1.40E-01		1.40E-01

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedence of the target hazard index of 1, or values that significantly contribute to an exceedence.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-66
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - SOUTHERN PARCEL - (MW-23S)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

Chemical	Renal Effects			Immune Effects			Hair and Nail Effects			Skin Effects			Eye Effects			Respiratory Effects			No Adverse Effects		
	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl																					
2,3,7-8 TCDD TEQ																					
2,4-Dimethylphenol																					
2-Methylnaphthalene																8.74E-03		8.74E-03			
Acenaphthene																					
Acenaphthylene																					
Aluminum																					
Anthracene																					
Antimony																					
Arsenic										2.13E-02		2.13E-02									
Barium																					
Benzene																					
Benzo(a)anthracene																					
Benzo(a)pyrene																					
Benzo(b)fluoranthene																					
Benzo(k)fluoranthene																					
Benzo(g,h,i)perylene																					
Cadmium																	6.48E-05	6.48E-05			
Carbazole																					
Chromium (total)																			7.91E-05		7.91E-05
Chrysene																					
Copper																					
Cyanide																					
Dibenz(a,h)anthracene																					
Dibenzofuran																					
Ethylbenzene																					
Fluoranthene																					
Fluorene																					
Indeno(1,2,3-cd)pyrene																					
Iron																					
Isophorone																					
Lead																					
Manganese																					
Mercury				7.36E-04		7.36E-04															
Naphthalene		6.48E-01	6.48E-01																		
o-Cresol (2-Methylphenol)																					
p-Cresol (4-Methylphenol)																					
Phenanthrene																			5.63E-04		5.63E-04
Phenol																					
Pyrene																					
Selenium																					
Silver																					
Thallium																					
Toluene																					
Total PCBs				2.66E-02	9.61E-06	2.66E-02	2.66E-02	9.61E-06	2.66E-02				2.66E-02	9.61E-06	2.66E-02						
Total Xylenes																					
Trichloroform																					
Vanadium							4.74E-03		4.74E-03												
Zinc																					
1-Methylnaphthalene																					
1,2,4-Trichlorobenzene																					
Bis(2-Ethylhexyl)phthalate																					
Tetrachloroethene																					
Vinyl Chloride																					
Total		6.48E-01	6.48E-01	2.75E-02	9.61E-06	2.75E-02	3.15E-02	9.61E-06	3.15E-02	2.13E-02		2.13E-02	2.66E-02	9.61E-06	2.66E-02	8.74E-03	6.48E-05	8.83E-03	5.57E-04		5.57E-04

Notes
COPC - Compound of Potential Concern.
Conc. - Concentration.
Develop. - Developmental.
GI - Gastrointestinal.
HI - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedance of the target hazard index of 1, or values that significantly contribute to an exceedance.
Highlighting denotes that the gastrointestinal pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-57
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - SOUTHERN PARCEL - (MW-26S)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

Chemical	Changes in Body Weight			Develop. Effects			Blood Effects			Kidney Effects			Neuro. Effects			GI Effects			Vascular Effects			Liver Effects			Dec. Longevity		
	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl																											
2,3,7-8 TCDD TEQ				1.43E-02		1.43E-02							1.43E-02		1.43E-02												
2,4-Dimethylphenol																											
2-Methylnaphthalene																											
Acenaphthene																											
Acenaphthylene																						7.59E-04		7.59E-04			
Aluminum				9.41E-03		9.41E-03								3.65E-03	3.65E-03												
Anthracene																											
Antimony							1.40E-01		1.40E-01																1.40E-01		1.40E-01
Arsenic					2.82E-04	2.82E-04								2.82E-04	2.82E-04				2.13E-02	2.82E-04	2.15E-02						
Barium					4.06E-04	4.06E-04				5.83E-04		5.83E-04															
Benzene							1.26E-03	3.53E-04	1.61E-03																		
Benzo(a)anthracene										1.58E-03	3.68E-08	1.58E-03															
Benzo(a)pyrene										1.23E-03	2.72E-08	1.23E-03															
Benzo(b)fluoranthene										1.01E-03	2.51E-08	1.01E-03															
Benzo(g,h,i)perylene										6.16E-04		6.16E-04															
Benzo(k)fluoranthene										1.18E-03	2.54E-08	1.18E-03															
Cadmium										1.12E-03	8.45E-05	1.20E-03															
Carbazole																											
Chromium (total)																											
Chrysene										1.44E-03		1.44E-03															
Copper																7.77E-04		7.77E-04									
Cyanide																											
Dibenz(a,h)anthracene										1.49E-04	5.76E-09	1.49E-04															
Dibenzofuran	7.49E-02		7.49E-02																								
Ethylbenzene																											
Fluoranthene							3.08E-03		3.08E-03	3.08E-03		3.08E-03										3.08E-03		3.08E-03			
Fluorene							1.22E-03		1.22E-03																		
Indeno(1,2,3-cd)pyrene										5.80E-04	1.72E-08	5.80E-04															
Iron																3.67E-02		3.67E-02									
Isopropylbenzene																											
Lead																											
Manganese													8.92E-02	7.36E-02	1.63E-01												
Mercury														2.42E-06	2.42E-06												
Naphthalene	7.52E-03		7.52E-03																								
o-Cresol (2-Methylphenol)																											
p-Cresol (4-Methylphenol)																											
Phenanthrene																											
Phenol																											
Pyrene										3.39E-03		3.39E-03															
Selenium																											
Styrene																											
Thallium																											
Toluene																											
Total PCBs																											
Total Xylenes																											
Trichloroethene																											
Vanadium																											
Zinc							6.30E-04		6.30E-04																		
1-Methylnaphthalene																											
1,2,4-Trichlorobenzene																											
Bis(2-Ethylhexyl)phthalate																											
Tetrachloroethene																											
Vinyl Chloride																											
Total	8.21E-02		8.21E-02	2.37E-02	6.89E-04	2.44E-02	1.46E-01	3.53E-04	1.46E-01	1.80E-02	8.46E-05	1.60E-02	1.03E-01	7.75E-02	1.81E-01	3.75E-02		3.75E-02	2.13E-02	2.82E-04	2.15E-02	3.84E-03		3.84E-03	1.40E-01		1.40E-01

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedence of the target hazard index of 1, or values that significantly contribute to an exceedence.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-57
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - SOUTHERN PARCEL - (MW-26
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

	Nasal Effects			Immune Effects			Hair and Nail Effects			Skin Effects			Eye Effects			Respiratory Effects			No Adverse Effects		
Chemical	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl																					
2,3,7-8 TCDD TEQ																					
2,4-Dimethylphenol																					
2-Methylnaphthalene																6.74E-03		6.74E-03			
Acenaphthene																					
Acenaphthylene																					
Aluminum																					
Anthracene																					
Antimony																					
Arsenic										2.13E-02		2.13E-02									
Barium																					
Benzene																					
Benzo(a)anthracene																					
Benzo(a)pyrene																					
Benzo(b)fluoranthene																					
Benzo(g,h,i)perylene																					
Benzo(k)fluoranthene																					
Cadmium																	8.45E-05	8.45E-05			
Carbazole																					
Chromium (total)																			7.51E-05		7.51E-05
Chrysene																					
Copper																					
Cyanide																					
Dibenz(a,h)anthracene																					
Dibenzofuran																					
Ethylbenzene																					
Fluoranthene																					
Fluorene																					
Indeno(1,2,3-cd)pyrene																					
Iron																					
Isopropylbenzene																					
Lead																					
Manganese																					
Mercury				7.38E-04		7.38E-04															
Naphthalene		6.49E-01	6.49E-01																		
p-Cresol (2-Methylphenol)																					
p-Cresol (4-Methylphenol)																					
Phenanthrene																			5.82E-04		5.82E-04
Phenol																					
Pyrene																					
Selenium																					
Styrene																					
Thallium																					
Toluene																					
Total PCBs				2.68E-02	9.61E-06	2.68E-02	2.68E-02	9.61E-06	2.68E-02				2.68E-02	9.61E-06	2.68E-02						
Total Xylenes																					
Trichloroethene																					
Vanadium							4.74E-03		4.74E-03												
Zinc																					
1-Methylnaphthalene																1.73E-03		1.73E-03			
1,2,4-Trichlorobenzene																					
Bis(2-Ethylhexyl)phthalate																					
Tetrachloroethene																					
Vinyl Chloride																					
Total		6.49E-01	6.49E-01	2.75E-02	9.61E-06	2.75E-02	3.15E-02	9.61E-06	3.15E-02	2.13E-02		2.13E-02	2.68E-02	9.61E-06	2.68E-02	8.47E-03	8.45E-05	8.56E-03	6.57E-04		6.57E-04

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedence of the target hazard index of 1, or values that significantly contribute to an exceedence.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE 6-68
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - SOUTHERN PARCEL - (MW-308)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

Chemical	Changes in Body Weight			Develop. Effects			Blood Effects			Kidney Effects			Neuro. Effects			GI Effects			Vascular Effects			Liver Effects			Dec. Longevity		
	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl																											
2,3,7-8 TCDD TEQ				1.43E-02		1.43E-02							1.43E-02		1.43E-02												
2,4-Dimethylphenol																											
2-Methylnaphthalene																											
Acenaphthene																											
Acenaphthylene																						7.54E-04		7.54E-04			
Aluminum				5.41E-03		5.41E-03								3.65E-03	3.65E-03												
Anthracene																											
Antimony							1.40E-01		1.40E-01																1.40E-01		1.40E-01
Arsenic					2.93E-04	2.93E-04								2.93E-04	2.93E-04				2.13E-02	2.32E-04	2.15E-02						
Barium					4.96E-04	4.96E-04				5.84E-04		5.84E-04															
Benzene							4.11E-03	3.53E-04	3.54E-04																		
Benzo(a)anthracene										1.54E-03	3.04E-05	1.54E-03															
Benzo(a)pyrene										1.23E-03	2.72E-05	1.23E-03															
Benzo(b)fluoranthene										1.01E-03	2.01E-05	1.01E-03															
Benzo(g,h,i)perylene										6.16E-04		6.16E-04															
Benzo(k)fluoranthene										1.10E-03	2.54E-05	1.10E-03															
Cadmium										1.12E-03	8.42E-05	1.20E-03															
Carbazole																											
Chromium (total)																											
Chrysene										1.44E-03		1.44E-03															
Copper																7.77E-04		7.77E-04									
Cyanide																											
Dibenz(a,h)anthracene										1.49E-04	5.76E-06	1.49E-04															
Dibenzofuran	1.18E-03		1.18E-03																								
Ethylbenzene																											
Fluoranthene							3.04E-03		3.04E-03	3.88E-03		3.88E-03										5.88E-03		5.88E-03			
Fluorene							1.23E-03		1.23E-03																		
Indeno(1,2,3-cd)pyrene										5.88E-04	1.73E-05	5.88E-04															
Iron																3.87E-02		3.87E-02									
Isopropylbenzene																											
Lead																											
Manganese													8.83E-03	7.38E-03	1.63E-01												
Mercury														2.43E-05	2.43E-05												
Naphthalene	7.53E-03		7.53E-03																								
o-Cresol (2-Methylphenol)																											
p-Cresol (4-Methylphenol)																											
Phenanthrene																											
Phenol																											
Pyrene										3.38E-03		3.38E-03															
Selenium																											
Silvex																											
Thallium																											
Toluene																											
Total PCBs																											
Total Xylenes																											
Trichloroethene																											
Vanadium																											
Zinc							6.30E-04		6.30E-04																		
1-Methylnaphthalene																											
1,2,4-Trichlorobenzene																											
Bis(2-Ethylhexyl)phthalate																											
Trichlorofluorene																											
Vinyl Chloride																											
Total	1.94E-02		1.94E-02	3.37E-02	6.89E-04	3.44E-02	1.45E-01	3.53E-04	1.45E-01	1.60E-02	8.46E-05	1.60E-02	1.83E-01	7.75E-02	1.61E-01	3.75E-02		3.75E-02	2.13E-02	2.32E-04	2.15E-02	3.34E-03		3.34E-03	1.40E-01		1.40E-01

Notes
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedance of the target hazard index of 1, or values that significantly contribute to an exceedance.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE 6-53
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - SOUTHERN PARCEL - (SW-05)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

Chemical	Blood - Effects			Immune Effects			Liver and Gall Effects			Skin Effects			Eye Effects			Respiratory Effects			Dev Adverse Effects		
	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl																					
2,3,7-8 TCDD TEQ																					
2,4-Dichlorophenol																					
2-Methylnaphthalene																1.07E-03		1.07E-03			
Acenaphthene																					
Acenaphthylene																					
Alachlor																					
Anthracene																					
Antimony																					
Arsenic										3.13E-03		3.13E-03									
Barium																					
Benzene																					
Benzo(a)anthracene																					
Benzo(b)pyrene																					
Bis(2-ethylhexyl)phthalate																					
Bromodichloromethane																					
Butylbenzylphthalate																					
Cadmium																	6.42E-03	6.42E-03			
Carbazole																					
Chromium (total)																			7.51E-03		7.51E-03
Chrysene																					
Copper																					
Cyanide																					
Dibenzo(a,h)anthracene																					
Dibromochloromethane																					
Dibromofluoromethane																					
Dichlorodifluoromethane																					
Fluoranthene																					
Fluorene																					
Indeno(1,2,3-cd)pyrene																					
Iron																					
Isophoronene																					
Lead																					
Manganese																					
Mercury				7.39E-04		7.39E-04															
Naphthalene		6.40E-01	6.40E-01																		
o-Cresol (2-Methylphenol)																					
p-Cresol (4-Methylphenol)																					
Phenanthrene																			6.42E-04		6.42E-04
Phenol																					
Pyrene																					
Selenium																					
Silver																					
Thallium																					
Toluene																					
Total PCBs				2.00E-03	8.01E-03	2.00E-03	2.00E-03	8.01E-03	2.00E-03				2.00E-03	8.01E-03	2.00E-03						
Total Xylenes																					
Trichloroethene																					
Vanadium							4.74E-04		4.74E-04												
Zinc																					
1-Methylnaphthalene																2.70E-01		2.70E-01			
1,3,4-Trichlorobenzene																					
Bis(2-Ethylhexyl)phthalate																					
Tetrachloroethene																					
Vinyl Chloride																					
Total		6.40E-01	6.40E-01	2.73E-03	8.01E-03	2.73E-03	2.48E-03	8.01E-03	2.48E-03	3.13E-03		3.13E-03	2.00E-03	8.01E-03	2.00E-03	2.80E-01	6.42E-03	2.86E-01	6.97E-04		6.97E-04

Notes:
COPC - Component of Potential Concern.
Dev. - Developmental.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedance of the target hazard index of 1, or values that significantly contribute to an exceedance.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE 6-69
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - SOUTHERN PARCEL - (MW-328)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

Chemical	Changes in Body Weight			Develop. Effects			Blood Effects			Kidney Effects			Neuro. Effects			GI Effects			Vascular Effects			Liver Effects			Dec. Longevity		
	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl																											
2,3,7-8 TCDD TEQ				1.43E-02		1.43E-02							1.43E-02		1.43E-02												
2,4-Dimethylphenol																											
2-Methylnaphthalene																											
Acenaphthene																											
Acenaphthylene																						7.58E-04		7.58E-04			
Aluminum				8.41E-03		8.41E-03								3.65E-03	3.65E-03												
Ammonia																											
Antimony							1.48E-01		1.48E-01																1.48E-01		1.48E-01
Arsenic					2.53E-04	2.53E-04								2.53E-04	2.53E-04				3.13E-02	2.83E-04	3.16E-02						
Barium					4.08E-04	4.08E-04				5.63E-04		5.63E-04															
Benzene							4.16E-03	3.53E-04	4.51E-03																		
Benzo(a)anthracene										1.64E-03	3.66E-03	1.64E-03															
Benzo(a)pyrene										1.27E-03	3.73E-03	1.27E-03															
Benzo(b)fluoranthene										1.01E-03	3.51E-03	1.01E-03															
Benzo(g,h,i)perylene										5.16E-04		5.16E-04															
Benzo(k)fluoranthene										1.16E-03	2.54E-03	1.16E-03															
Cadmium										1.13E-03	4.49E-03	1.20E-03															
Carbazole																											
Chromium (total)																											
Chrysene										1.44E-03		1.44E-03															
Copper																7.77E-04		7.77E-04									
Cyanide																											
Dibenzo(a,h)anthracene										1.49E-04	5.76E-03	1.49E-04															
Dibenzofuran	1.19E-02		1.19E-02																								
Ethylbenzene																											
Fluoranthene							3.09E-03		3.09E-03	3.09E-03		3.09E-03										3.09E-03		3.09E-03			
Fluorene							1.23E-03		1.23E-03																		
Indeno(1,2,3-cd)pyrene										5.60E-04	1.72E-03	5.60E-04															
Iron																5.07E-02		3.07E-02									
Isopropylbenzene																											
Lead																											
Manganese													8.87E-02	7.89E-03	1.63E-01												
Mercury														3.43E-03	3.43E-03												
Naphthalene	7.53E-03		7.53E-03																								
o-Cresol (2-Methylphenol)																											
p-Cresol (4-Methylphenol)																											
Phenanthrene																											
Phenol																											
Pyrene										3.39E-03		3.39E-03															
Selenium																											
Styrene																											
Thallium																											
Toluene																											
Total PCBs																											
Total Xylenes																											
Trichloroethene																											
Vanadium																											
Zinc							6.30E-04		6.30E-04																		
1-Methylnaphthalene																											
1,2,4-Trichlorobenzene																											
Bis(2-Ethylhexyl)phthalate																											
Tetrachloroethene																											
Vinyl Chloride																											
Total	1.94E-02		1.94E-02	2.27E-02	6.66E-04	2.44E-02	1.45E-01	3.53E-04	1.45E-01	1.99E-02	2.48E-02	1.88E-02	1.01E-01	7.71E-02	1.81E-01	3.78E-02		3.78E-02	3.13E-02	2.83E-04	3.15E-02	3.84E-03		3.84E-03	1.48E-01		1.48E-01

Notes:
COPC - Compound of Potential Concern.
Dec. - Decrease.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedance of the target hazard index of 1, or values that significantly contribute to an exceedance.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-59
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - SOUTHERN PARCEL - (MW-32
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

Chemical	Nasal Effects			Immune Effects			Hair and Nail Effects			Skin Effects			Eye Effects			Respiratory Effects			No Adverse Effects		
	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl																					
2,3,7-8 TCDD TEQ																					
2,4-Dimethylphenol																					
2-Methylnaphthalene																6.74E-03		6.74E-03			
Acenaphthene																					
Acenaphthylene																					
Aluminum																					
Anthracene																					
Antimony																					
Arsenic										2.13E-02		2.13E-02									
Barium																					
Benzene																					
Benzo(a)anthracene																					
Benzo(a)pyrene																					
Benzo(b)fluoranthene																					
Benzo(g,h,i)perylene																					
Benzo(k)fluoranthene																					
Cadmium																	8.45E-05	8.45E-05			
Carbazole																					
Chromium (total)																			7.51E-05		7.51E-05
Chrysene																					
Copper																					
Cyanide																			3.76E-02		3.76E-02
Dibenz(a,h)anthracene																					
Dibenzofuran																					
Ethylbenzene																					
Fluoranthene																					
Fluorene																					
Indeno(1,2,3-cd)pyrene																					
Iron																					
Isopropylbenzene																					
Lead																					
Manganese																					
Mercury				7.38E-04		7.38E-04															
Naphthalene		6.49E-01	6.49E-01																		
o-Cresol (2-Methylphenol)																					
p-Cresol (4-Methylphenol)																					
Phenanthrene																			5.62E-04		5.62E-04
Phenol																					
Pyrene																					
Selenium																					
Styrene																					
Thallium																					
Toluene																					
Total PCBs				2.68E-02	9.61E-06	2.68E-02	2.68E-02	9.61E-06	2.68E-02				2.68E-02	9.61E-06	2.68E-02						
Total Xylenes																					
Trichloroethene																					
Vanadium							4.74E-03		4.74E-03												
Zinc																					
1-Methylnaphthalene																					
1,2,4-Trichlorobenzene																					
Bis(2-Ethylhexyl)phthalate																					
Tetrachloroethene																					
Vinyl Chloride																					
Total		6.49E-01	6.49E-01	2.75E-02	9.61E-06	2.75E-02	3.15E-02	9.61E-06	3.15E-02	2.13E-02		2.13E-02	2.68E-02	9.61E-06	2.68E-02	6.74E-03	8.45E-05	6.62E-03	3.83E-02		3.83E-02

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedence of the target hazard index of 1, or values that significantly contribute to an exceedence.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-50
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - AOC 13 - (MW-8M)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

Chemical	Changes in Body Weight			Develop. Effects			Blood Effects			Kidney Effects			Neuro. Effects			GI Effects			Vascular Effects			Liver Effects			Dec. Longevity		
	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl										1.33E-02		1.33E-02															
2,3,7-8 TCDD TEQ				1.77E-03		1.77E-03							1.77E-03		1.77E-03												
2,4-Dimethylphenol																											
2-Methylnaphthalene																											
Acenaphthene																						9.30E-04		9.30E-04			
Acenaphthylene																						1.14E-02		1.14E-02			
Aluminum				7.34E-03		7.34E-03								2.54E-03	2.54E-03												
Anthracene																											
Antimony																											
Arsenic					2.39E-04	2.39E-04								2.39E-04	2.39E-04				1.96E-02	2.39E-04	1.96E-02						
Barium																											
Benzene							2.18E-03	1.84E-01	1.87E-01																		
Benzo(a)anthracene										1.46E-02	2.05E-07	1.46E-02															
Benzo(a)pyrene										1.20E-02	1.85E-07	1.20E-02															
Benzo(b)fluoranthene										8.46E-03	1.61E-07	8.46E-03															
Benzo(g,h,i)perylene										5.70E-03		5.70E-03															
Benzo(k)fluoranthene										8.86E-03	1.75E-07	8.86E-03															
Cadmium										5.98E-04	3.59E-05	6.34E-04															
Carbazole																											
Chromium (total)																											
Chrysene										1.36E-02		1.36E-02															
Copper																											
Cyanide																											
Dibenz(a,h)anthracene										2.11E-03	3.56E-08	2.11E-03															
Dibenzofuran	2.06E-01		2.06E-01																								
Ethylbenzene																											
Fluoranthene							3.01E-02		3.01E-02	3.01E-02		3.01E-02										3.01E-02		3.01E-02			
Fluorene							2.00E-02		2.00E-02																		
Indeno(1,2,3-cd)pyrene										5.78E-03	1.16E-07	5.78E-03															
Iron																5.67E-02		5.67E-02									
Isopropylbenzene																											
Lead																											
Manganese													4.53E-02	3.01E-02	7.54E-02												
Mercury														4.72E-06	4.72E-06												
Naphthalene	1.94E-01		1.94E-01																								
o-Cresol (2-Methylphenol)																											
p-Cresol (4-Methylphenol)	3.62E-02		3.62E-02										3.62E-02		3.62E-02												
Phenanthrene																											
Phenol				8.30E-03		8.30E-03																					
Pyrene										3.08E-02		3.08E-02															
Selenium																											
Styrene																											
Thallium							4.46E-02		4.46E-02																		
Toluene										1.34E-04		1.34E-04		9.34E-04	9.34E-04												
Total PCBs																											
Total Xylenes	9.73E-05		9.73E-05											6.04E-02	6.04E-02										9.73E-05		9.73E-05
Trichloroethene																											
Vanadium																											
Zinc																											
1-Methylnaphthalene																											
1,2,4-Trichlorobenzene																											
Bis(2-Ethylhexyl)phthalate																											
Tetrachloroethene																											
Vinyl Chloride																											
Total	4.37E-01		4.37E-01	1.74E-02	2.39E-04	1.76E-02	9.69E-02	1.84E-01	2.81E-01	1.46E-01	3.56E-05	1.46E-01	8.33E-02	9.42E-02	1.77E-01	5.67E-02		5.67E-02	1.96E-02	2.39E-04	1.96E-02	4.25E-02		4.25E-02	9.73E-05		9.73E-05

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedence of the target hazard index of 1, or values that significantly contribute to an exceedence.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-60
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - AOC 13 - (MW-9M)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

Chemical	Nasal Effects			Immune Effects			Hair and Nail Effects			Skin Effects			Eye Effects			Respiratory Effects			No Adverse Effects		
	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl																					
2,3,7-8 TCDD TEQ																					
2,4-Dimethylphenol																					
2-Methylnaphthalene		2.33E-07	2.33E-07													1.73E-01		1.73E-01			
Acenaphthene																					
Acenaphthylene																					
Aluminum																					
Anthracene																			1.92E-03		1.92E-03
Antimony																					
Arsenic										1.96E-02		1.96E-02									
Barium																					
Benzene																					
Benzo(a)anthracene																					
Benzo(a)pyrene																					
Benzo(b)fluoranthene																					
Benzo(g,h,i)perylene																					
Benzo(k)fluoranthene																					
Cadmium																					
Carbazole																					
Chromium (total)																			1.35E-05		1.35E-05
Chrysene																					
Copper																					
Cyanide																					
Dibenz(a,h)anthracene																					
Dibenzofuran																					
Ethylbenzene																					
Fluoranthene																					
Fluorene																					
Indeno(1,2,3-cd)pyrene																					
Iron																					
Isopropylbenzene																					
Lead																					
Manganese																					
Mercury				4.20E-03		4.20E-03															
Naphthalene		1.64E+01	1.64E+01																		
o-Cresol (2-Methylphenol)																					
p-Cresol (4-Methylphenol)																					
Phenanthrene																			6.13E-03		6.13E-03
Phenol																					
Pyrene																					
Selenium																					
Styrene																					
Thallium																					
Toluene																					
Total PCBs				2.01E-01	6.83E-05	2.01E-01	2.01E-01	6.83E-05	2.01E-01				2.01E-01	6.83E-05	2.01E-01						
Total Xylenes																					
Trichloroethene																					
Vanadium							3.43E-03		3.43E-03												
Zinc																					
1-Methylnaphthalene																					
1,2,4-Trichlorobenzene																					
Bis(2-Ethylhexyl)phthalate																					
Tetrachloroethene																					
Vinyl Chloride																					
Total		1.64E+01	1.64E+01	2.05E-01	6.83E-05	2.05E-01	2.05E-01	6.83E-05	2.05E-01	1.96E-02		1.96E-02	2.01E-01	6.83E-05	2.01E-01	1.73E-01		1.73E-01	8.07E-03		8.07E-03

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedence of the target hazard index of 1, or values that significantly contribute to an exceedence.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-61
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - AOC 13 - (MW-9S)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

Chemical	Changes in Body Weight			Develop. Effects			Blood Effects			Kidney Effects			Neuro. Effects			GI Effects			Vascular Effects			Liver Effects			Dec. Longevity		
	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl										4.17E-02		4.17E-02															
2,3,7-8 TCDD TEQ				1.77E-03		1.77E-03							1.77E-03		1.77E-03												
2,4-Dimethylphenol							1.47E+00		1.47E+00																		
2-Methylnaphthalene																											
Acenaphthene																						1.60E-01		1.60E-01			
Acenaphthylene																						4.09E-02		4.09E-02			
Aluminum				7.34E-03		7.34E-03								2.54E-03	2.54E-03												
Anthracene																											
Antimony																											
Arsenic					2.39E-04	2.39E-04								2.39E-04	2.39E-04				1.96E-02	2.39E-04	1.96E-02						
Barium				2.17E-02		2.17E-02																					
Benzene							6.85E+00	1.84E-01	7.04E+00																		
Benzo(a)anthracene										1.77E-01	2.05E-07	1.77E-01															
Benzo(a)pyrene										1.12E-01	1.85E-07	1.12E-01															
Benzo(b)fluoranthene										9.20E-02	1.61E-07	9.20E-02															
Benzo(g,h,i)perylene										4.49E-02		4.49E-02															
Benzo(k)fluoranthene										7.15E-02	1.75E-07	7.15E-02															
Cadmium										5.98E-04	3.52E-05	6.34E-04															
Carbazole																											
Chromium (total)																											
Chrysene										1.62E-01		1.62E-01															
Copper																											
Cyanide																											
Dibenz(a,h)anthracene										1.82E-02	3.56E-08	1.82E-02															
Dibenzofuran	4.91E+00		4.91E+00																								
Ethylbenzene										6.16E-02		6.16E-02										6.16E-02		6.16E-02			
Fluoranthene							4.61E-01		4.61E-01	4.61E-01		4.61E-01										4.61E-01		4.61E-01			
Fluorene							3.11E-01		3.11E-01																		
Indeno(1,2,3-cd)pyrene										4.43E-02	1.18E-07	4.43E-02															
Iron																8.98E-02		8.98E-02									
Isopropylbenzene																											
Lead																											
Manganese													1.07E-01	3.01E-02	1.37E-01												
Mercury														4.72E-06	4.72E-06												
Naphthalene	6.55E+00		6.55E+00																								
o-Cresol (2-Methylphenol)	9.20E-02		9.20E-02										9.20E-02		9.20E-02												
p-Cresol (4-Methylphenol)	5.97E-02		5.97E-02										5.97E-02		5.97E-02												
Phenanthrene																											
Phenol				8.30E-03		8.30E-03																					
Pyrene										4.48E-01		4.48E-01															
Selenium																											
Styrene																											
Thallium							4.46E-02		4.46E-02																		
Toluene										1.09E-01		1.09E-01		9.34E-04	9.34E-04												
Total PCBs																											
Total Xylenes	8.42E-02		8.42E-02											6.04E-02	6.04E-02										8.42E-02		8.42E-02
Trichloroethene																											
Vanadium																											
Zinc																											
1-Methylnaphthalene																											
1,2,4-Trichlorobenzene																											
Bis(2-Ethylhexyl)phthalate																											
Tetrachloroethene																											
Vinyl Chloride																											
Total	1.16E+01		1.16E+01	3.91E-02	2.39E-04	3.94E-02	9.14E+00	1.84E-01	9.32E+00	1.84E+00	3.66E-05	1.84E+00	2.61E-01	9.42E-02	3.55E-01	8.98E-02		8.98E-02	1.96E-02	2.39E-04	1.96E-02	7.24E-01		7.24E-01	8.42E-02		8.42E-02

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedence of the target hazard index of 1, or values that significantly contribute to an exceedence.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-61
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - AOC 13 - (MW-9S)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

	Nasal Effects			Immune Effects			Hair and Nail Effects			Skin Effects			Eye Effects			Respiratory Effects			Clinical Effects			No Adverse Effects		
Chemical	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl																								
2,3,7-8 TCDD TEQ																								
2,4-Dimethylphenol																			**1.47E+00**		1.47E+00			
2-Methylnaphthalene		2.33E-07	2.33E-07													**2.03E+00**		**2.03E+00**						
Acenaphthene																								
Acenaphthylene																								
Aluminum																								
Anthracene																						**2.68E-02**		2.68E-02
Antimony																								
Arsenic										1.96E-02		1.96E-02												
Barium																								
Benzene																								
Benzo(a)anthracene																								
Benzo(a)pyrene																								
Benzo(b)fluoranthene																								
Benzo(g,h,i)perylene																								
Benzo(k)fluoranthene																								
Cadmium																								
Carbazole																								
Chromium (total)																						1.35E-05		1.35E-05
Chrysene																								
Copper																								
Cyanide																						**2.57E-01**		2.57E-01
Dibenz(a,h)anthracene																								
Dibenzofuran																								
Ethylbenzene																								
Fluoranthene																								
Fluorene																								
Indeno(1,2,3-cd)pyrene																								
Iron																								
Isopropylbenzene																								
Lead																								
Manganese																								
Mercury				4.20E-03		4.20E-03																		
Naphthalene		**1.64E+01**	**1.64E+01**																					
o-Cresol (2-Methylphenol)																								
p-Cresol (4-Methylphenol)																								
Phenanthrene																						1.14E-01		1.14E-01
Phenol																								
Pyrene																								
Selenium																								
Styrene																								
Thallium																								
Toluene																								
Total PCBs				2.01E-01	6.63E-05	2.01E-01	2.01E-01	6.63E-05	2.01E-01				2.01E-01	6.63E-05	2.01E-01									
Total Xylenes																								
Trichloroethene																								
Vanadium							3.43E-03		3.43E-03															
Zinc																								
1-Methylnaphthalene																**1.83E+00**		**1.83E+00**						
1,2,4-Trichlorobenzene																								
Bis(2-Ethylhexyl)phthalate																								
Tetrachloroethene																								
Vinyl Chloride																								
Total		1.64E+01	1.64E+01	2.05E-01	6.63E-05	2.05E-01	2.05E-01	6.63E-05	2.05E-01	1.96E-02		1.96E-02	2.01E-01	6.63E-05	2.01E-01	**3.86E+00**		**3.86E+00**	1.47E+00		1.47E+00	3.97E-01		3.97E-01

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedance of the target hazard index of 1, or values that significantly contribute to an exceedance.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-62
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - AOC 13 - (MW-9M)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

Chemical	Changes in Body Weight			Develop. Effects			Blood Effects			Kidney Effects			Neuro. Effects			GI Effects			Vascular Effects			Liver Effects			Dec. Longevity		
	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl										1.33E-02		1.33E-02															
2,3,7-8 TCDD TEQ				1.77E-03		1.77E-03							1.77E-03		1.77E-03												
2,4-Dimethylphenol																											
2-Methylnaphthalene																											
Acenaphthene																						9.36E-04		9.36E-04			
Acenaphthylene																						1.14E-02		1.14E-02			
Aluminum				7.34E-03		7.34E-03								2.54E-03	2.54E-03												
Anthracene																											
Antimony																											
Arsenic					2.39E-04	2.39E-04								2.39E-04	2.39E-04				1.96E-02	2.39E-04	1.96E-02						
Barium																											
Benzene							1.86E-02	1.84E-01	2.03E-01																		
Benzo(a)anthracene										1.46E-02	2.05E-07	1.46E-02															
Benzo(a)pyrene										1.19E-02	1.85E-07	1.19E-02															
Benzo(b)fluoranthene										9.46E-03	1.61E-07	9.46E-03															
Benzo(g,h,i)perylene										5.79E-03		5.79E-03															
Benzo(k)fluoranthene										9.86E-03	1.75E-07	9.86E-03															
Cadmium										5.98E-04	3.59E-05	6.34E-04															
Carbazole																											
Chromium (total)																											
Chrysene										1.36E-02		1.36E-02															
Copper																											
Cyanide																											
Dibenz(a,h)anthracene										2.11E-03	3.56E-08	2.11E-03															
Dibenzofuran	2.06E-01		2.06E-01																								
Ethylbenzene																											
Fluoranthene							3.01E-02		3.01E-02	3.01E-02		3.01E-02										3.01E-02		3.01E-02			
Fluorene							2.00E-02		2.00E-02																		
Indeno(1,2,3-cd)pyrene										5.78E-03	1.16E-07	5.78E-03															
Iron																6.19E-02		6.19E-02									
Isopropylbenzene																											
Lead																											
Manganese													4.53E-02	3.01E-02	7.54E-02												
Mercury														4.72E-06	4.72E-06												
Naphthalene	1.89E-01		1.89E-01																								
o-Cresol (2-Methylphenol)																											
p-Cresol (4-Methylphenol)	3.62E-02		3.62E-02										3.62E-02		3.62E-02												
Phenanthrene																											
Phenol				8.30E-03		8.30E-03																					
Pyrene										3.06E-02		3.06E-02															
Selenium																											
Styrene																											
Thallium							4.46E-02		4.46E-02																		
Toluene										1.34E-04		1.34E-04		9.34E-04	9.34E-04												
Total PCBs														6.04E-02	6.04E-02												
Total Xylenes	9.73E-05		9.73E-05																						9.73E-05		9.73E-05
Trichloroethene																											
Vanadium																											
Zinc																											
1-Methylnaphthalene																											
1,2,4-Trichlorobenzene																											
Bis(2-Ethylhexyl)phthalate																											
Tetrachloroethene																											
Vinyl Chloride																											
Total	4.32E-01		4.32E-01	1.74E-02	2.39E-04	1.76E-02	1.13E-01	1.84E-01	2.96E-01	1.46E-01	3.68E-05	1.46E-01	8.33E-02	9.42E-02	1.77E-01	6.19E-02		6.19E-02	1.96E-02	2.39E-04	1.96E-02	4.25E-02		4.25E-02	9.73E-05		9.73E-05

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedence of the target hazard index of 1, or values that significantly contribute to an exceedence.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-62
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMMINGLED SOIL)
FUTURE ON-SITE WORKER - AOC 13 - (MW-08)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

	Blood Effects			Immune Effects			Hair and Nail Effects			Skin Effects			Eye Effects			Respiratory Effects			No Adverse Effects		
Chemical	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl																					
2,3,7-8 TCDD TEQ																					
2,4-Dimethylphenol																					
2-Methylnaphthalene		2.3E-07	2.3E-07													1.6E-01		1.6E-01			
Acenaphthene																					
Acenaphthylene																					
Aluminum																					
Anthracene																			1.6E-05		1.6E-05
Antimony																					
Arsenic										1.6E-02		1.6E-02									
Barium																					
Benzene																					
Benzo(a)anthracene																					
Benzo(a)pyrene																					
Benzo(b)fluoranthene																					
Benzo(g,h,i)perylene																					
Benzo(k)fluoranthene																					
Cadmium																					
Carbazole																					
Chromium (total)																			1.3E-05		1.3E-05
Chrysene																					
Copper																					
Cyanide																					
Dibenz(a,h)anthracene																					
Dibenzofuran																					
Ethylbenzene																					
Fluoranthene																					
Fluorene																					
Indeno(1,2,3-cd)pyrene																					
Iron																					
Naphthalene																					
Lead																					
Manganese																					
Mercury				4.3E-03		4.3E-03															
Naphthalene		1.6E+01	1.6E+01																		
o-Cresol (2-Methylphenol)																					
p-Cresol (4-Methylphenol)																					
Phenanthrene																			6.13E-03		6.13E-03
Phenol																					
Pyrene																					
Selenium																					
Styrene																					
Thallium																					
Toluene																					
Total PCBs				2.01E-01	6.03E-05	2.01E-01	2.01E-01	6.03E-05	2.01E-01				2.01E-01	6.03E-05	2.01E-01						
Total Xylenes																					
Trichloroethene																					
Vanadium							3.43E-03		3.43E-03												
Zinc																					
1-Methylnaphthalene																					
1,2,4-Trichlorobenzene																					
Bis(2-Ethylhexyl)phthalate																					
Tetrachloroethene																					
Vinyl Chloride																					
Total		1.6E+01	1.6E+01	2.05E-01	6.15E-05	2.05E-01	2.05E-01	6.15E-05	2.05E-01	1.6E-02		1.6E-02	2.01E-01	6.03E-05	2.01E-01	1.6E-01		1.6E-01	8.87E-03		8.87E-03

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedance of the target hazard index of 1, or values that significantly contribute to an exceedance.
Highlighting denotes that the gastrointestinal pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-53
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - AOC 13 - (MW-9S)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

	Changes in Body Weight			Develop. Effects			Blood Effects			Kidney Effects			Neuro. Effects			GI Effects			Vascular Effects			Liver Effects			Dec. Longevity		
Chemical	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl										1.33E-02		1.33E-02															
2,3,7-8 TCDD TEQ				1.77E-03		1.77E-03							1.77E-03		1.77E-03												
2,4-Dimethylphenol																											
2-Methylnaphthalene																											
Acenaphthene																						9.36E-04		9.36E-04			
Acenaphthylene																						1.14E-02		1.14E-02			
Aluminum				7.34E-03		7.34E-03								2.54E-03	2.54E-03												
Anthracene																											
Antimony																											
Arsenic					2.39E-04	2.39E-04								2.39E-04	2.39E-04				2.36E-01	2.39E-04	2.36E-01						
Barium																											
Benzene							2.69E+01	1.84E-01	2.71E+01																		
Benzo(a)anthracene										1.50E-02	2.06E-07	1.50E-02															
Benzo(a)pyrene										1.21E-02	1.85E-07	1.21E-02															
Benzo(b)fluoranthene										8.56E-03	1.61E-07	8.56E-03															
Benzo(g,h,i)perylene										5.79E-03		5.79E-03															
Benzo(k)fluoranthene										8.89E-03	1.75E-07	8.89E-03															
Cadmium										5.96E-04	3.59E-05	6.34E-04															
Carbazole																											
Chromium (total)																											
Chrysene										1.36E-02		1.36E-02															
Copper																											
Cyanide																											
Dibenz(a,h)anthracene										2.11E-03	3.56E-08	2.11E-03															
Dibenzofuran	2.06E-01		2.06E-01																								
Ethylbenzene										4.60E-02		4.60E-02										4.60E-02		4.60E-02			
Fluoranthene							3.01E-02		3.01E-02	3.01E-02		3.01E-02										3.01E-02		3.01E-02			
Fluorene							2.00E-02		2.00E-02																		
Indeno(1,2,3-cd)pyrene										5.78E-03	1.16E-07	5.78E-03															
Iron																1.90E-01		1.90E-01									
Isopropylbenzene										9.20E-03		9.20E-03															
Lead																											
Manganese													1.44E-01	3.01E-02	1.74E-01												
Mercury														4.72E-06	4.72E-06												
Naphthalene	1.56E+00		1.56E+00																								
o-Cresol (2-Methylphenol)																											
p-Cresol (4-Methylphenol)	4.13E-02		4.13E-02										4.13E-02		4.13E-02												
Phenanthrene																											
Phenol				8.30E-03		8.30E-03																					
Pyrene										3.08E-02		3.08E-02															
Selenium																											
Styrene							1.37E-02		1.37E-02													1.37E-02		1.37E-02			
Thallium							4.46E-02		4.46E-02																		
Toluene										2.57E+00		2.57E+00		9.34E-04	9.34E-04												
Total PCBs																											
Total Xylenes	3.77E-01		3.77E-01											6.04E-02	6.04E-02										3.77E-01		3.77E-01
Trichloroethene																											
Vanadium																											
Zinc																											
1-Methylnaphthalene																											
1,2,4-Trichlorobenzene																											
Bis(2-Ethylhexyl)phthalate																											
Tetrachloroethene																											
Vinyl Chloride																											
Total	3.10E+00		2.18E+00	1.74E-02	2.39E-04	1.76E-02	2.70E+01	1.84E-01	2.72E+01	2.77E+00	3.56E-05	2.77E+00	1.87E-01	9.42E-02	2.81E-01	1.90E-01		1.90E-01	2.36E-01	2.39E-04	2.36E-01	1.02E-01		1.02E-01	3.77E-01		3.77E-01

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedence of the target hazard index of 1, or values that significantly contribute to an exceedence.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-53
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - AOC 13 - (MW-9S)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

Chemical	Nasal Effects			Immune Effects			Hair and Nail Effects			Skin Effects			Eye Effects			Respiratory Effects			No Adverse Effects		
	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl																					
2,3,7-8 TCDD TEQ																					
2,4-Dimethylphenol																					
2-Methylnaphthalene		2.33E-07	2.33E-07													2.67E-01		2.67E-01			
Acenaphthene																					
Acenaphthylene																					
Aluminum																					
Anthracene																			1.92E-03		1.92E-03
Antimony																					
Arsenic										2.38E-01		2.38E-01									
Barium																					
Benzene																					
Benzo(a)anthracene																					
Benzo(a)pyrene																					
Benzo(b)fluoranthene																					
Benzo(g,h,i)perylene																					
Benzo(k)fluoranthene																					
Cadmium																					
Carbazole																					
Chromium (total)																			1.35E-05		1.35E-05
Chrysene																					
Copper																					
Cyanide																			1.11E+01		1.11E+01
Dibenz(a,h)anthracene																					
Dibenzofuran																					
Ethylbenzene																					
Fluoranthene																					
Fluorene																					
Indeno(1,2,3-cd)pyrene																					
Iron																					
Isopropylbenzene																					
Lead																					
Manganese																					
Mercury				4.20E-03		4.20E-03															
Naphthalene		1.64E+01	1.64E+01																		
o-Cresol (2-Methylphenol)																					
p-Cresol (4-Methylphenol)																					
Phenanthrene																			6.13E-03		6.13E-03
Phenol																					
Pyrene																					
Selenium																					
Styrene																					
Thallium																					
Toluene																					
Total PCBs				2.01E-01	6.83E-05	2.01E-01	2.01E-01	6.83E-05	2.01E-01				2.01E-01	6.83E-05	2.01E-01						
Total Xylenes																					
Trichloroethene																					
Vanadium							3.43E-03		3.43E-03												
Zinc																					
1-Methylnaphthalene																4.73E-02		4.73E-02			
1,2,4-Trichlorobenzene																					
Bis(2-Ethylhexyl)phthalate																					
Tetrachloroethene																					
Vinyl Chloride																					
Total		1.64E+01	1.64E+01	2.05E-01	6.83E-05	2.05E-01	2.05E-01	6.83E-05	2.05E-01	2.38E-01		2.38E-01	2.01E-01	6.83E-05	2.01E-01	3.14E-01		3.14E-01	1.11E+01		1.11E+01

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedence of the target hazard index of 1, or values that significantly contribute to an exceedence.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-64
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - AOC 13 - (MW-20M)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

Chemical	Changes in Body Weight			Develop. Effects			Blood Effects			Kidney Effects			Neuro. Effects			GI Effects			Vascular Effects			Liver Effects			Dec. Longevity		
	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl										1.33E-02		1.33E-02															
2,3,7-8 TCDD TEQ				1.77E-03		1.77E-03							1.77E-03		1.77E-03												
2,4-Dimethylphenol																											
2-Methylnaphthalene																											
Acenaphthene																						9.36E-04		9.36E-04			
Acenaphthylene																						1.14E-02		1.14E-02			
Aluminum				7.34E-03		7.34E-03								2.54E-03	2.54E-03												
Anthracene																											
Antimony																											
Arsenic					2.39E-04	2.39E-04								2.39E-04	2.39E-04				1.05E-01	2.39E-04	1.05E-01						
Barium																											
Benzene							2.18E-03	1.84E-01	1.87E-01																		
Benzo(a)anthracene										1.46E-02	2.05E-07	1.46E-02															
Benzo(a)pyrene										1.19E-02	1.85E-07	1.19E-02															
Benzo(b)fluoranthene										9.46E-03	1.81E-07	9.46E-03															
Benzo(g,h,i)perylene										5.79E-03		5.79E-03															
Benzo(k)fluoranthene										9.86E-03	1.75E-07	9.86E-03															
Cadmium										5.98E-04	3.59E-05	6.34E-04															
Carbazole																											
Chromium (total)																											
Chrysene										1.36E-02		1.36E-02															
Copper																											
Cyanide																											
Dibenz(a,h)anthracene										2.11E-03	3.56E-08	2.11E-03															
Dibenzofuran	2.06E-01		2.06E-01																								
Ethylbenzene																											
Fluoranthene							3.01E-02		3.01E-02	3.01E-02		3.01E-02										3.01E-02		3.01E-02			
Fluorene							2.00E-02		2.00E-02																		
Indeno(1,2,3-cd)pyrene										5.78E-03	1.15E-07	5.78E-03															
Iron																5.28E-02		5.28E-02									
Isopropylbenzene																											
Lead																											
Manganese													9.38E-02	3.01E-02	1.24E-01												
Mercury														4.72E-06	4.72E-06												
Naphthalene	1.89E-01		1.89E-01																								
o-Cresol (2-Methylphenol)																											
p-Cresol (4-Methylphenol)	3.62E-02		3.62E-02										3.62E-02		3.62E-02												
Phenanthrene																											
Phenol				8.30E-03		8.30E-03																					
Pyrene										3.08E-02		3.08E-02															
Selenium																											
Styrene																											
Thallium							4.46E-02		4.46E-02																		
Toluene										1.34E-04		1.34E-04		9.34E-04	9.34E-04												
Total PCBs																											
Total Xylenes	9.73E-05		9.73E-05											6.04E-02	6.04E-02										9.73E-05		9.73E-05
Trichloroethene																											
Vanadium																											
Zinc																											
1-Methylnaphthalene																											
1,2,4-Trichlorobenzene																											
Bis(2-Ethylhexyl)phthalate																											
Tetrachloroethene																											
Vinyl Chloride																											
Total	4.32E-01		4.32E-01	1.76E-02	2.39E-04	1.76E-02	9.69E-02	1.84E-01	2.81E-01	1.46E-01	3.68E-05	1.46E-01	1.32E-01	9.42E-02	2.26E-01	5.28E-02		5.28E-02	1.05E-01	2.39E-04	1.05E-01	4.25E-02		4.25E-02	9.73E-05		9.73E-05

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedence of the target hazard index of 1, or values that significantly contribute to an exceedence.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE 6-64
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - AOC 13 - (MW-35M)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

Chemical	Renal Effects			Immune Effects			Hair and Nail Effects			Skin Effects			Eye Effects			Respiratory Effects			No Adverse Effects		
	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl																					
2,3,7-8 TCDD TEQ																					
2,4-Dimethylphenol																					
3-Methylnaphthalene		2.39E-07	2.39E-07													1.49E-01		1.49E-01			
Acenaphthene																					
Acenaphthylene																					
Aluminum																					
Anthracene																			1.63E-03		1.63E-03
Antimony																					
Arsenic										1.88E-02		1.88E-02									
Barium																					
Benzene																					
Benzo(a)anthracene																					
Benzo(a)pyrene																					
Benzo(b)fluoranthene																					
Benzo(g,h,i)perylene																					
Benzo(k)fluoranthene																					
Cadmium																					
Carbazole																					
Chromium (total)																			1.38E-05		1.38E-05
Chrysene																					
Copper																					
Cyanide																					
Dibenz(a,h)anthracene																					
Dibenzofuran																					
Diethylamine																					
Fluoranthene																					
Fluorene																					
Indeno(1,2,3-cd)pyrene																					
Iron																					
Isopropylbenzene																					
Lead																					
Manganese																					
Mercury				4.39E-03		4.39E-03															
Naphthalene		1.04E+01	1.04E+01																		
o-Cresol (2-Methylphenol)																					
p-Cresol (4-Methylphenol)																					
Phenanthrene																			6.13E-03		6.13E-03
Phenol																					
Pyrene																					
Selenium																					
Styrene																					
Thallium																					
Toluene																					
Total PCBs				2.01E-01	6.63E-05	2.01E-01	2.01E-01	6.63E-05	2.01E-01				2.01E-01	6.63E-05	2.01E-01						
Total Xylene																					
Trichloroethene																					
Vanadium							3.43E-03		3.43E-03												
Zinc																					
1-Methylnaphthalene																					
1,3,4-Trichlorobenzene																					
Bis(2-Ethylhexyl)phthalate																					
Tetrachloroethene																					
Vinyl Chloride																					
Total		1.04E+01	1.04E+01	2.05E-01	6.63E-05	2.05E-01	2.05E-01	6.63E-05	2.05E-01	1.94E-02		1.94E-02	2.01E-01	6.63E-05	2.01E-01	1.49E-01		1.49E-01	8.07E-03		8.07E-03

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedance of the target hazard index of 1, or values that significantly contribute to an exceedance.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(b) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-65
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - AOC 13 - (MW-20S)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

	Changes in Body Weight			Develop. Effects			Blood Effects			Kidney Effects			Neuro. Effects			GI Effects			Vascular Effects			Liver Effects			Dec. Longevity		
Chemical	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl										1.33E-02		1.33E-02															
2,3,7-8 TCDD TEQ				1.77E-03		1.77E-03							1.77E-03		1.77E-03												
2,4-Dimethylphenol																											
2-Methylnaphthalene																											
Acenaphthene																						9.36E-04		9.36E-04			
Acenaphthylene																						1.14E-02		1.14E-02			
Aluminum				7.34E-03		7.34E-03								2.54E-03	2.54E-03												
Anthracene																											
Antimony																											
Arsenic					2.39E-04	2.39E-04								2.39E-04	2.39E-04				1.96E-02	2.39E-04	1.96E-02						
Barium																											
Benzene							2.59E-02	1.84E-01	2.10E-01																		
Benzo(a)anthracene										1.48E-02	2.05E-07	1.48E-02															
Benzo(a)pyrene										1.20E-02	1.85E-07	1.20E-02															
Benzo(b)fluoranthene										9.46E-03	1.61E-07	9.46E-03															
Benzo(g,h,i)perylene										5.78E-03		5.78E-03															
Benzo(k)fluoranthene										9.89E-03	1.75E-07	9.89E-03															
Cadmium										5.98E-04	3.59E-05	6.34E-04															
Carbazole																											
Chromium (total)																											
Chrysene										1.30E-02		1.30E-02															
Copper																											
Cyanide																											
Dibenz(a,h)anthracene										2.11E-03	3.56E-08	2.11E-03															
Dibenzofuran	2.31E-01		2.31E-01																								
Ethylbenzene																											
Fluoranthene							3.01E-02		3.01E-02	3.01E-02		3.01E-02										3.01E-02		3.01E-02			
Fluorene							2.00E-02		2.00E-02																		
Indeno(1,2,3-cd)pyrene										5.78E-03	1.16E-07	5.78E-03															
Iron																2.75E-02		2.75E-02									
Isopropylbenzene																											
Lead																											
Manganese													2.12E-01	3.01E-02	2.42E-01												
Mercury														4.72E-06	4.72E-06												
Naphthalene	1.90E-01		1.90E-01																								
o-Cresol (2-Methylphenol)																											
p-Cresol (4-Methylphenol)	3.62E-02		3.62E-02										3.62E-02		3.62E-02												
Phenanthrene																											
Phenol				8.30E-03		8.30E-03																					
Pyrene										3.08E-02		3.08E-02															
Selenium																											
Styrene																											
Thallium							4.46E-02		4.46E-02																		
Toluene										1.34E-04		1.34E-04		9.34E-04	9.34E-04												
Total PCBs																											
Total Xylenes	9.73E-05		9.73E-05											6.04E-02	6.04E-02										9.73E-05		9.73E-05
Trichloroethene																											
Vanadium																											
Zinc																											
1-Methylnaphthalene																											
1,2,4-Trichlorobenzene																											
Bis(2-Ethylhexyl)phthalate																											
Tetrachloroethene																											
Vinyl Chloride																											
Total	4.58E-01		4.58E-01	1.74E-02	2.39E-04	1.76E-02	1.21E-01	1.84E-01	3.05E-01	1.48E-01	3.68E-06	1.48E-01	2.50E-01	9.42E-02	3.44E-01	2.75E-02		2.75E-02	1.96E-02	2.39E-04	1.96E-02	4.25E-02		4.25E-02	9.73E-05		9.73E-05

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedence of the target hazard index of 1, or values that significantly contribute to an exceedence.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-65
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - AOC 13 - (MW-20S)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

	Nasal Effects			Immune Effects			Hair and Nail Effects			Skin Effects			Eye Effects			Respiratory Effects			No Adverse Effects		
Chemical	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl																					
2,3,7-8 TCDD TEQ																					
2,4-Dimethylphenol																					
2-Methylnaphthalene		2.33E-07	2.33E-07													1.72E-01		1.72E-01			
Acenaphthene																					
Acenaphthylene																					
Aluminum																					
Anthracene																			1.92E-03		1.92E-03
Antimony																					
Arsenic										1.96E-02		1.96E-02									
Barium																					
Benzene																					
Benzo(a)anthracene																					
Benzo(a)pyrene																					
Benzo(b)fluoranthene																					
Benzo(g,h,i)perylene																					
Benzo(k)fluoranthene																					
Cadmium																					
Carbazole																					
Chromium (total)																			1.35E-05		1.35E-05
Chrysene																					
Copper																					
Cyanide																			5.92E-02		5.92E-02
Dibenz(a,h)anthracene																					
Dibenzofuran																					
Ethylbenzene																					
Fluoranthene																					
Fluorene																					
Indeno(1,2,3-cd)pyrene																					
Iron																					
Isopropylbenzene																					
Lead																					
Manganese																					
Mercury				4.20E-03		4.20E-03															
Naphthalene		1.64E+01	1.64E+01																		
o-Cresol (2-Methylphenol)																					
p-Cresol (4-Methylphenol)																					
Phenanthrene																			6.13E-03		6.13E-03
Phenol																					
Pyrene																					
Selenium																					
Styrene																					
Thallium																					
Toluene																					
Total PCBs				2.01E-01	6.83E-05	2.01E-01	2.01E-01	6.83E-05	2.01E-01				2.01E-01	6.83E-05	2.01E-01						
Total Xylenes																					
Trichloroethene																					
Vanadium							3.43E-03		3.43E-03												
Zinc																					
1-Methylnaphthalene																					
1,2,4-Trichlorobenzene																					
Bis(2-Ethylhexyl)phthalate																					
Tetrachloroethene																					
Vinyl Chloride																					
Total		1.64E+01	1.64E+01	2.05E-01	6.83E-05	2.05E-01	2.05E-01	6.83E-05	2.05E-01	1.96E-02		1.96E-02	2.01E-01	6.83E-05	2.01E-01	1.72E-01		1.72E-01	6.73E-02		6.73E-02

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Devskip. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedence of the target hazard index of 1, or values that significantly contribute to an exceedence.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-66
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - AOC 13 - (MW-21M)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

Chemical	Changes in Body Weight			Develop. Effects			Blood Effects			Kidney Effects			Neuro. Effects			GI Effects			Vascular Effects			Liver Effects			Dec. Longevity		
	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl										1.33E-02		1.33E-02															
2,3,7-8 TCDD TEQ				1.77E-03		1.77E-03							1.77E-03		1.77E-03												
2,4-Dimethylphenol																											
2-Methylnaphthalene																											
Acenaphthene																						9.36E-04		9.36E-04			
Acenaphthylene																						1.14E-02		1.14E-02			
Aluminum				7.34E-03		7.34E-03								2.54E-03	2.54E-03												
Anthracene																											
Antimony																											
Arsenic					2.39E-04	2.39E-04								2.39E-04	2.39E-04				6.72E-02	2.39E-04	6.74E-02						
Barium										1.46E-02		1.46E-02															
Benzene							1.36E-02	1.84E-01	1.98E-01																		
Benzo(a)anthracene										1.48E-02	2.05E-07	1.48E-02															
Benzo(a)pyrene										1.19E-02	1.65E-07	1.19E-02															
Benzo(b)fluoranthene										9.46E-03	1.61E-07	9.46E-03															
Benzo(g,h,i)perylene										5.79E-03		5.79E-03															
Benzo(k)fluoranthene										9.88E-03	1.75E-07	9.88E-03															
Cadmium										5.98E-04	3.59E-05	6.34E-04															
Carbazole																											
Chromium (total)																											
Chrysene										1.36E-02		1.36E-02															
Copper																											
Cyanide																											
Dibenz(a,h)anthracene										2.11E-03	3.56E-08	2.11E-03															
Dibenzofuran	2.06E-01		2.06E-01																								
Ethylbenzene																											
Fluoranthene							3.01E-02		3.01E-02	3.01E-02		3.01E-02										3.01E-02		3.01E-02			
Fluorene							2.00E-02		2.00E-02																		
Indeno(1,2,3-cd)pyrene										5.78E-03	1.16E-07	5.78E-03															
Iron																7.49E-02		7.49E-02									
Isopropylbenzene																											
Lead																											
Manganese													2.35E-01	3.01E-02	2.65E-01												
Mercury														4.72E-06	4.72E-06												
Naphthalene	1.89E-01		1.89E-01																								
o-Cresol (2-Methylphenol)																											
p-Cresol (4-Methylphenol)	3.62E-02		3.62E-02										3.62E-02		3.62E-02												
Phenanthrene																											
Phenol				8.30E-03		8.30E-03																					
Pyrene										3.08E-02		3.08E-02															
Selenium																											
Styrene																											
Thallium							4.46E-02		4.46E-02																		
Toluene										1.34E-04		1.34E-04		9.34E-04	9.34E-04												
Total PCBs																											
Total Xylenes	9.73E-05		9.73E-05											6.04E-02	6.04E-02										9.73E-05		9.73E-05
Trichloroethene																											
Vanadium																											
Zinc																											
1-Methylnaphthalene																											
1,2,4-Trichlorobenzene																											
Bis(2-Ethylhexyl)phthalate																											
Tetrachloroethene																											
Vinyl Chloride																											
Total	4.32E-01		4.32E-01	1.74E-02	2.39E-04	1.76E-02	1.08E-01	1.84E-01	2.93E-01	1.63E-01	3.68E-05	1.63E-01	2.73E-01	9.42E-02	3.67E-01	7.49E-02		7.49E-02	6.72E-02	2.39E-04	6.74E-02	4.25E-02		4.25E-02	9.73E-05		9.73E-05

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedence of the target hazard index of 1, or values that significantly contribute to an exceedence.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-66
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - AOC 13 - (MW-21M)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

Chemical	Nasal Effects			Immune Effects			Hair and Nail Effects			Skin Effects			Eye Effects			Respiratory Effects			No Adverse Effects		
	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl																					
2,3,7-8 TCDD TEQ																					
2,4-Dimethylphenol																					
2-Methylnaphthalene		2.33E-07	2.33E-07													1.69E-01		1.69E-01			
Acenaphthene																					
Acenaphthylene																					
Aluminum																					
Anthracene																			1.92E-03		1.92E-03
Antimony																					
Arsenic										6.72E-02		6.72E-02									
Barium																					
Benzene																					
Benzo(a)anthracene																					
Benzo(a)pyrene																					
Benzo(b)fluoranthene																					
Benzo(g,h,i)perylene																					
Benzo(k)fluoranthene																					
Cadmium																					
Carbazole																					
Chromium (total)																			1.35E-05		1.35E-05
Chrysene																					
Copper																					
Cyanide																			4.85E+00		4.85E+00
Dibenz(a,h)anthracene																					
Dibenzofuran																					
Ethylbenzene																					
Fluoranthene																					
Fluorene																					
Indeno(1,2,3-cd)pyrene																					
Iron																					
Isopropylbenzene																					
Lead																					
Manganese																					
Mercury				4.20E-03		4.20E-03															
Naphthalene		1.64E+01	1.64E+01																		
o-Cresol (2-Methylphenol)																					
p-Cresol (4-Methylphenol)																					
Phenanthrene																			6.13E-03		6.13E-03
Phenol																					
Pyrene																					
Selenium																					
Styrene																					
Thallium																					
Toluene																					
Total PCBs				2.01E-01	6.83E-05	2.01E-01	2.01E-01	6.83E-05	2.01E-01				2.01E-01	6.83E-05	2.01E-01						
Total Xylenes																					
Trichloroethene																					
Vanadium							3.43E-03		3.43E-03												
Zinc																					
1-Methylnaphthalene																					
1,2,4-Trichlorobenzene																					
Bis(2-Ethylhexyl)phthalate																					
Tetrachloroethene																					
Vinyl Chloride																					
Total		1.64E+01	1.64E+01	2.05E-01	6.83E-05	2.05E-01	2.05E-01	6.83E-05	2.05E-01	6.72E-02		6.72E-02	2.01E-01	6.83E-05	2.01E-01	1.69E-01		1.69E-01	4.86E+00		4.86E+00

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedence of the target hazard index of 1, or values that significantly contribute to an exceedence.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-67
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - AOC 13 - (MW-21S)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

Chemical	Changes in Body Weight			Develop. Effects			Blood Effects			Kidney Effects			Neuro. Effects			GI Effects			Vascular Effects			Liver Effects			Dec. Longevity		
	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl										1.33E-02		1.33E-02															
2,3,7-8 TCDD TEQ				1.77E-03		1.77E-03							1.77E-03		1.77E-03												
2,4-Dimethylphenol																											
2-Methylnaphthalene																											
Acenaphthene																						9.36E-04		9.36E-04			
Acenaphthylene																						1.14E-02		1.14E-02			
Aluminum				6.93E-02		6.93E-02								2.54E-03	2.54E-03												
Anthracene																											
Antimony							7.80E-02		7.80E-02																7.80E-02		7.80E-02
Arsenic					2.39E-04	2.39E-04								2.39E-04	2.39E-04				2.80E+00	2.39E-04	2.81E+00						
Barium										1.79E-02		1.79E-02															
Benzene							3.69E-01	1.84E-01	5.54E-01																		
Benzo(a)anthracene										1.48E-02	2.05E-07	1.48E-02															
Benzo(a)pyrene										1.19E-02	1.85E-07	1.19E-02															
Benzo(b)fluoranthene										8.40E-03	1.61E-07	8.40E-03															
Benzo(g,h,i)perylene										5.79E-03		5.79E-03															
Benzo(k)fluoranthene										8.89E-03	1.75E-07	8.89E-03															
Cadmium										5.98E-04	3.59E-05	6.34E-04															
Carbazole																											
Chromium (total)																											
Chrysene										1.36E-02		1.36E-02															
Copper																											
Cyanide																											
Dibenz(a,h)anthracene										2.11E-03	3.56E-08	2.11E-03															
Dibenzofuran	2.30E-01		2.30E-01																								
Ethylbenzene																											
Fluoranthene							3.01E-02		3.01E-02	3.01E-02		3.01E-02										3.01E-02		3.01E-02			
Fluorene							2.00E-02		2.00E-02																		
Indeno(1,2,3-cd)pyrene										5.78E-03	1.16E-07	5.78E-03															
Iron																1.71E-01		1.71E-01									
Isopropylbenzene																											
Lead																											
Manganese													2.93E-01	3.01E-02	3.23E-01												
Mercury														4.72E-06	4.72E-06												
Naphthalene	2.92E-01		2.92E-01																								
o-Cresol (2-Methylphenol)																											
p-Cresol (4-Methylphenol)	3.62E-02		3.62E-02										3.62E-02		3.62E-02												
Phenanthrene																											
Phenol				8.30E-03		8.30E-03																					
Pyrene										3.08E-02		3.08E-02															
Selenium																											
Styrene																											
Thallium							4.46E-02		4.46E-02																		
Toluene										1.07E-02		1.07E-02		9.34E-04	9.34E-04												
Total PCBs																											
Total Xylenes	1.17E-02		1.17E-02											6.04E-02	6.04E-02										1.17E-02		1.17E-02
Trichloroethene																											
Vanadium																											
Zinc																											
1-Methylnaphthalene																											
1,2,4-Trichlorobenzene																											
Bis(2-Ethylhexyl)phthalate																											
Tetrachloroethene																											
Vinyl Chloride																						2.74E-03		2.74E-03			
Total	5.70E-01		5.70E-01	7.93E-02	2.39E-04	7.96E-02	5.42E-01	1.84E-01	7.26E-01	1.77E-01	3.56E-05	1.77E-01	3.31E-01	9.42E-02	4.25E-01	1.71E-01		1.71E-01	2.80E+00	2.39E-04	2.81E+00	4.52E-02		4.52E-02	8.97E-02		8.97E-02

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedence of the target hazard index of 1, or values that significantly contribute to an exceedence.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-67
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - AOC 13 - (MW-21S)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

	Nasal Effects			Immune Effects			Hair and Nail Effects			Skin Effects			Eye Effects			Respiratory Effects			No Adverse Effects		
Chemical	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl																					
2,3,7-8 TCDD TEQ																					
2,4-Dimethylphenol																					
2-Methylnaphthalene		2.33E-07	2.33E-07													2.06E-01		2.06E-01			
Acenaphthene																					
Acenaphthylene																					
Aluminum																					
Anthracene																			1.92E-03		1.92E-03
Antimony																					
Arsenic										2.80E+00		2.80E+00									
Barium																					
Benzene																					
Benzo(a)anthracene																					
Benzo(a)pyrene																					
Benzo(b)fluoranthene																					
Benzo(g,h,i)perylene																					
Benzo(k)fluoranthene																					
Cadmium																					
Carbazole																					
Chromium (total)																			1.13E-04		1.13E-04
Chrysene																					
Copper																					
Cyanide																			3.90E+00		3.90E+00
Dibenz(a,h)anthracene																					
Dibenzofuran																					
Ethylbenzene																					
Fluoranthene																					
Fluorene																					
Indeno(1,2,3-cd)pyrene																					
Iron																					
Isopropylbenzene																					
Lead																					
Manganese																					
Mercury				4.20E-03		4.20E-03															
Naphthalene		1.64E+01	1.64E+01																		
o-Cresol (2-Methylphenol)																					
p-Cresol (4-Methylphenol)																					
Phenanthrene																			6.13E-03		6.13E-03
Phenol																					
Pyrene																					
Selenium																					
Styrene																					
Thallium																					
Toluene																					
Total PCBs				2.01E-01	6.83E-05	2.01E-01	2.01E-01	6.83E-05	2.01E-01				2.01E-01	6.83E-05	2.01E-01						
Total Xylenes																					
Trichloroethene																					
Vanadium							3.43E-03		3.43E-03												
Zinc																					
1-Methylnaphthalene																					
1,2,4-Trichlorobenzene																					
Bis(2-Ethylhexyl)phthalate																					
Tetrachloroethene																					
Vinyl Chloride																					
Total		1.64E+01	1.64E+01	2.05E-01	6.83E-05	2.05E-01	2.05E-01	6.83E-05	2.05E-01	2.80E+00		2.80E+00	2.01E-01	6.83E-05	2.01E-01	2.06E-01		2.06E-01	3.90E+00		3.90E+00

Notes:
COPC - Compound of Potential Concern.
Decr. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedence of the target hazard index of 1, or values that significantly contribute to an exceedence.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-68
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - AOC 13 - (MW-27M)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

Chemical	Changes in Body Weight			Develop. Effects			Blood Effects			Kidney Effects			Neuro. Effects			GI Effects			Vascular Effects			Liver Effects			Dec. Longevity		
	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl										2.02E-02		2.02E-02															
2,3,7-8 TCDD TEQ				1.77E-03		1.77E-03							1.77E-03		1.77E-03												
2,4-Dimethylphenol																											
2-Methylnaphthalene																											
Acenaphthene																						9.36E-04		9.36E-04			
Acenaphthylene																						1.96E-02		1.96E-02			
Aluminum				7.34E-03		7.34E-03								2.54E-03	2.54E-03												
Anthracene																											
Antimony																											
Arsenic					2.39E-04	2.39E-04								2.39E-04	2.39E-04				1.96E-02	2.39E-04	1.96E-02						
Barium																											
Benzene							3.21E-02	1.84E-01	2.17E-01																		
Benzo(a)anthracene										1.53E-02	2.05E-07	1.53E-02															
Benzo(a)pyrene										1.23E-02	1.85E-07	1.23E-02															
Benzo(b)fluoranthene										1.09E-02	1.61E-07	1.09E-02															
Benzo(g,h,i)perylene										5.79E-03		5.79E-03															
Benzo(k)fluoranthene										1.02E-02	1.75E-07	1.02E-02															
Cadmium										5.98E-04	3.59E-05	6.34E-04															
Carbazole																											
Chromium (total)																											
Chrysene										1.36E-02		1.36E-02															
Copper																											
Cyanide																											
Dibenz(a,h)anthracene										2.18E-03	3.56E-08	2.18E-03															
Dibenzofuran	7.34E-01		7.34E-01																								
Ethylbenzene																											
Fluoranthene							3.01E-02		3.01E-02	3.01E-02		3.01E-02										3.01E-02		3.01E-02			
Fluorene							3.40E-02		3.40E-02																		
Indeno(1,2,3-cd)pyrene										5.95E-03	1.16E-07	5.95E-03															
Iron																2.75E-02		2.75E-02									
Isopropylbenzene																											
Lead																											
Manganese													4.53E-02	3.01E-02	7.54E-02												
Mercury														4.72E-06	4.72E-06												
Naphthalene	6.71E-01		6.71E-01																								
o-Cresol (2-Methylphenol)																											
p-Cresol (4-Methylphenol)	3.62E-02		3.62E-02										3.62E-02		3.62E-02												
Phenanthrene																											
Phenol				8.30E-03		8.30E-03																					
Pyrene										3.08E-02		3.08E-02															
Selenium																											
Styrene																											
Thallium							4.46E-02		4.46E-02																		
Toluene										1.34E-04		1.34E-04		9.34E-04	9.34E-04												
Total PCBs																											
Total Xylenes	9.73E-05		9.73E-05											6.04E-02	6.04E-02										9.73E-05		9.73E-05
Trichloroethene																											
Vanadium																											
Zinc																											
1-Methylnaphthalene																											
1,2,4-Trichlorobenzene																											
Bis(2-Ethylhexyl)phthalate																						2.42E-03		2.42E-03			
Tetrachloroethene																											
Vinyl Chloride																											
Total	1.43E+00		1.43E+00	1.74E-02	2.39E-04	1.76E-02	1.41E-01	1.84E-01	3.25E-01	1.58E-01	3.68E-05	1.58E-01	8.33E-02	8.42E-02	1.77E-01	2.75E-02		2.75E-02	1.96E-02	2.39E-04	1.98E-02	5.31E-02		5.31E-02	9.73E-05		9.73E-05

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedence of the target hazard index of 1, or values that significantly contribute to an exceedence.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-68
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - AOC 13 - (MW-27M)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

Chemical	Nasal Effects			Immune Effects			Hair and Nail Effects			Skin Effects			Eye Effects			Respiratory Effects			No Adverse Effects		
	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl																					
2,3,7-8 TCDD TEQ																					
2,4-Dimethylphenol																					
2-Methylnaphthalene		2.33E-07	2.33E-07													1.01E+00		1.01E+00			
Acenaphthene																					
Acenaphthylene																					
Aluminum																					
Anthracene																			1.92E-03		1.92E-03
Antimony																					
Arsenic										1.96E-02		1.96E-02									
Barium																					
Benzene																					
Benzo(a)anthracene																					
Benzo(a)pyrene																					
Benzo(b)fluoranthene																					
Benzo(g,h,i)perylene																					
Benzo(k)fluoranthene																					
Cadmium																					
Carbazole																					
Chromium (total)																			1.35E-05		1.35E-05
Chrysene																					
Copper																					
Cyanide																			1.87E+00		1.87E+00
Dibenz(a,h)anthracene																					
Dibenzofuran																					
Ethylbenzene																					
Fluoranthene																					
Fluorene																					
Indeno(1,2,3-cd)pyrene																					
Iron																					
Isopropylbenzene																					
Lead																					
Manganese																					
Mercury				4.20E-03		4.20E-03															
Naphthalene		1.64E+01	1.64E+01																		
o-Cresol (2-Methylphenol)																					
p-Cresol (4-Methylphenol)																					
Phenanthrene																			6.13E-03		6.13E-03
Phenol																					
Pyrene																					
Selenium																					
Styrene																					
Thallium																					
Toluene																					
Total PCBs				2.01E-01	6.83E-05	2.01E-01	2.01E-01	6.83E-05	2.01E-01				2.01E-01	6.83E-05	2.01E-01						
Total Xylenes																					
Trichloroethene																					
Vanadium							3.43E-03		3.43E-03												
Zinc																					
1-Methylnaphthalene																3.88E-01		3.88E-01			
1,2,4-Trichlorobenzene																					
Bis(2-Ethylhexyl)phthalate																					
Tetrachloroethene																					
Vinyl Chloride																					
Total		1.64E+01	1.64E+01	2.05E-01	6.83E-05	2.05E-01	2.05E-01	6.83E-05	2.05E-01	1.96E-02		1.96E-02	2.01E-01	6.83E-05	2.01E-01	1.39E+00		1.39E+00	1.88E+00		1.88E+00

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedence of the target hazard index of 1, or values that significantly contribute to an exceedence.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-69
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - AOC 13 - (MW-27S)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

Chemical	Changes in Body Weight			Develop. Effects			Blood Effects			Kidney Effects			Neuro. Effects			GI Effects			Vascular Effects			Liver Effects			Dec. Longevity		
	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl										4.46E-02		4.46E-02															
2,3,7-8 TCDD TEQ				1.77E-03		1.77E-03							1.77E-03		1.77E-03												
2,4-Dimethylphenol																											
2-Methylnaphthalene																											
Acenaphthene																						7.51E-03		7.51E-03			
Acenaphthylene																						4.65E-02		4.65E-02			
Aluminum				7.34E-03		7.34E-03								2.54E-03	2.54E-03												
Anthracene																											
Antimony																											
Arsenic					2.39E-04	2.39E-04								2.39E-04	2.39E-04				1.96E-02	2.39E-04	1.98E-02						
Barium																											
Benzene							1.49E+00	1.84E-01	1.68E+00																		
Benzo(a)anthracene										1.49E-02	2.05E-07	1.49E-02															
Benzo(a)pyrene										1.20E-02	1.85E-07	1.20E-02															
Benzo(b)fluoranthene										9.52E-03	1.61E-07	9.52E-03															
Benzo(g,h,i)perylene										5.79E-03		5.79E-03															
Benzo(k)fluoranthene										9.86E-03	1.75E-07	9.86E-03															
Cadmium										5.96E-04	3.59E-05	6.34E-04															
Carbazole																											
Chromium (total)																											
Chrysene										1.36E-02		1.36E-02															
Copper																											
Cyanide																											
Dibenz(a,h)anthracene										2.11E-03	3.56E-08	2.11E-03															
Dibenzofuran	1.86E+00		1.86E+00																								
Ethylbenzene																											
Fluoranthene							3.01E-02		3.01E-02	3.01E-02		3.01E-02										3.01E-02		3.01E-02			
Fluorene							4.12E-02		4.12E-02																		
Indeno(1,2,3-cd)pyrene										5.78E-03	1.19E-07	5.78E-03															
Iron																2.75E-02		2.75E-02									
Isopropylbenzene																											
Lead																											
Manganese													4.53E-02	3.01E-02	7.54E-02												
Mercury														4.72E-06	4.72E-06												
Naphthalene	6.35E+00		6.35E+00																								
o-Cresol (2-Methylphenol)																											
p-Cresol (4-Methylphenol)	4.32E-02		4.32E-02										4.32E-02		4.32E-02												
Phenanthrene																											
Phenol				8.30E-03		8.30E-03																					
Pyrene										3.08E-02		3.08E-02															
Selenium																											
Styrene																											
Thallium							4.46E-02		4.46E-02																		
Toluene										4.12E-02		4.12E-02		9.34E-04	9.34E-04												
Total PCBs																											
Total Xylenes	2.16E-02		2.16E-02											6.04E-02	6.04E-02										2.16E-02		2.16E-02
Trichloroethene																											
Vanadium																											
Zinc																											
1-Methylnaphthalene																											
1,2,4-Trichlorobenzene																											
Bis(2-Ethylhexyl)phthalate																											
Tetrachloroethene																											
Vinyl Chloride																											
Total	8.28E+00		8.28E+00	1.74E-02	2.39E-04	1.76E-02	1.61E+00	1.84E-01	1.79E+00	2.21E-01	3.56E-05	2.21E-01	9.02E-02	9.42E-02	1.84E-01	2.75E-02		2.75E-02	1.96E-02	2.39E-04	1.98E-02	8.41E-02		8.41E-02	2.16E-02		2.16E-02

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedence of the target hazard index of 1, or values that significantly contribute to an exceedence.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-69
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - AOC 13 - (MW-27S)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

Chemical	Nasal Effects			Immune Effects			Hair and Nail Effects			Skin Effects			Eye Effects			Respiratory Effects			Adrenal Effects			No Adverse Effects		
	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl																								
2,3,7-8 TCDD TEQ																								
2,4-Dimethylphenol																								
2-Methylnaphthalene		2.33E-07	2.33E-07													4.89E+00		4.89E+00						
Acenaphthene																								
Acenaphthylene																								
Aluminum																								
Anthracene																						1.92E-03		1.92E-03
Antimony																								
Arsenic										1.96E-02		1.96E-02												
Barium																								
Benzene																								
Benzo(a)anthracene																								
Benzo(a)pyrene																								
Benzo(b)fluoranthene																								
Benzo(g,h,i)perylene																								
Benzo(k)fluoranthene																								
Cadmium																								
Carbazole																								
Chromium (total)																						1.35E-05		1.35E-05
Chrysene																								
Copper																								
Cyanide																								
Dibenz(a,h)anthracene																								
Dibenzofuran																								
Ethylbenzene																								
Fluoranthene																								
Fluorene																								
Indeno(1,2,3-cd)pyrene																								
Iron																								
Isopropylbenzene																								
Lead																								
Manganese																								
Mercury				4.20E-03		4.20E-03																		
Naphthalene		1.64E+01	1.64E+01																					
o-Cresol (2-Methylphenol)																								
p-Cresol (4-Methylphenol)																								
Phenanthrene																						6.13E-03		6.13E-03
Phenol																								
Pyrene																								
Selenium																								
Styrene																								
Thallium																								
Toluene																								
Total PCBs				2.01E-01	6.83E-05	2.01E-01	2.01E-01	6.83E-05	2.01E-01				2.01E-01	6.83E-05	2.01E-01									
Total Xylenes																								
Trichloroethene																								
Vanadium							3.43E-03		3.43E-03															
Zinc																								
1-Methylnaphthalene																2.23E+00		2.23E+00						
1,2,4-Trichlorobenzene																			2.87E-02		2.87E-02			
Bis(2-Ethylhexyl)phthalate																								
Tetrachloroethene																								
Vinyl Chloride																								
Total		1.64E+01	1.64E+01	2.05E-01	6.83E-05	2.05E-01	2.05E-01	6.83E-05	2.05E-01	1.96E-02		1.96E-02	2.01E-01	6.83E-05	2.01E-01	7.18E+00		7.18E+00	2.87E-02		2.87E-02	8.07E-03		8.07E-03

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedance of the target hazard index of 1, or values that significantly contribute to an exceedance.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-70
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - AOC 13 - (MW-28S)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

Chemical	Changes in Body Weight			Develop. Effects			Blood Effects			Kidney Effects			Neuro. Effects			GI Effects			Vascular Effects			Liver Effects			Dec. Longevity		
	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl										1.33E-02		1.33E-02															
2,3,7-8 TCDD TEQ				1.77E-03		1.77E-03							1.77E-03		1.77E-03												
2,4-Dimethylphenol																											
2-Methylnaphthalene																											
Acenaphthene																						9.36E-04		9.36E-04			
Acenaphthylene																						1.14E-02		1.14E-02			
Aluminum				7.34E-03		7.34E-03								2.54E-03	2.54E-03												
Anthracene																											
Antimony																											
Arsenic					2.39E-04	2.39E-04								2.39E-04	2.39E-04				1.96E-02	2.39E-04	1.98E-02						
Barium																											
Benzene							1.15E+00	1.64E-01	1.33E+00																		
Benzo(a)anthracene										1.49E-02	2.05E-07	1.49E-02															
Benzo(a)pyrene										1.19E-02	1.85E-07	1.19E-02															
Benzo(b)fluoranthene										8.46E-03	1.61E-07	8.46E-03															
Benzo(g,h,i)perylene										5.79E-03		5.79E-03															
Benzo(k)fluoranthene										8.89E-03	1.75E-07	8.89E-03															
Cadmium										5.98E-04	3.59E-05	6.34E-04															
Carbazole																											
Chromium (total)																											
Chrysene										1.36E-02		1.36E-02															
Copper																											
Cyanide																											
Dibenz(a,h)anthracene										2.11E-03	3.56E-08	2.11E-03															
Dibenzofuran	2.06E-01		2.06E-01																								
Ethylbenzene										1.46E-02		1.46E-02										1.46E-02		1.46E-02			
Fluoranthene							3.01E-02		3.01E-02	3.01E-02		3.01E-02										3.01E-02		3.01E-02			
Fluorene							2.00E-02		2.00E-02																		
Indeno(1,2,3-cd)pyrene										5.78E-03	1.16E-07	5.78E-03															
Iron																2.75E-02		2.75E-02									
Isopropylbenzene																											
Lead																											
Manganese													4.53E-02	3.01E-02	7.54E-02												
Mercury														4.72E-06	4.72E-06												
Naphthalene	6.98E-01		6.98E-01																								
o-Cresol (2-Methylphenol)																											
p-Cresol (4-Methylphenol)	3.62E-02		3.62E-02										3.62E-02		3.62E-02												
Phenanthrene																											
Phenol				8.30E-03		8.30E-03																					
Pyrene										3.09E-02		3.09E-02															
Selenium																											
Styrene																											
Thallium							4.46E-02		4.46E-02																		
Toluene										1.74E-02		1.74E-02		9.34E-04	9.34E-04												
Total PCBs																											
Total Xylenes	2.27E-02		2.27E-02											6.04E-02	6.04E-02										2.27E-02		2.27E-02
Trichloroethene																											
Vanadium																											
Zinc																											
1-Methylnaphthalene																											
1,2,4-Trichlorobenzene																											
Bis(2-Ethylhexyl)phthalate																											
Tetrachloroethene																											
Vinyl Chloride																											
Total	8.63E-01		8.63E-01	1.74E-02	2.39E-04	1.76E-02	1.34E+00	1.64E-01	1.43E+00	1.60E-01	3.56E-05	1.60E-01	6.33E-02	9.42E-02	1.77E-01	2.75E-02		2.75E-02	1.96E-02	2.39E-04	1.98E-02	5.71E-02		5.71E-02	2.27E-02		2.27E-02

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedence of the target hazard index of 1, or values that significantly contribute to an exceedence.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-70
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - AOC 13 - (MW-28S)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

Chemical	Nasal Effects			Immune Effects			Hair and Nail Effects			Skin Effects			Eye Effects			Respiratory Effects			No Adverse Effects		
	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl																					
2,3,7-8 TCDD TEQ																					
2,4-Dimethylphenol																					
2-Methylnaphthalene		2.33E-07	2.33E-07													2.09E-01		2.09E-01			
Acenaphthene																					
Acenaphthylene																					
Aluminum																					
Anthracene																			1.92E-03		1.92E-03
Antimony																					
Arsenic										1.96E-02		1.96E-02									
Barium																					
Benzene																					
Benzo(a)anthracene																					
Benzo(a)pyrene																					
Benzo(b)fluoranthene																					
Benzo(g,h,i)perylene																					
Benzo(k)fluoranthene																					
Cadmium																					
Carbazole																					
Chromium (total)																			1.35E-05		1.35E-05
Chrysene																					
Copper																					
Cyanide																			3.56E+00		3.56E+00
Dibenz(a,h)anthracene																					
Dibenzofuran																					
Ethylbenzene																					
Fluoranthene																					
Fluorene																					
Indeno(1,2,3-cd)pyrene																					
Iron																					
Isopropylbenzene																					
Lead																					
Manganese																					
Mercury				4.20E-03		4.20E-03															
Naphthalene		1.64E+01	1.64E+01																		
o-Cresol (2-Methylphenol)																					
p-Cresol (4-Methylphenol)																					
Phenanthrene																			6.13E-03		6.13E-03
Phenol																					
Pyrene																					
Selenium																					
Styrene																					
Thallium																					
Toluene																					
Total PCBs				2.01E-01	6.83E-05	2.01E-01	2.01E-01	6.83E-05	2.01E-01				2.01E-01	6.83E-05	2.01E-01						
Total Xylenes																					
Trichloroethene																					
Vanadium							3.43E-03		3.43E-03												
Zinc																					
1-Methylnaphthalene																9.47E-02		9.47E-02			
1,2,4-Trichlorobenzene																					
Bis(2-Ethylhexyl)phthalate																					
Tetrachloroethene																					
Vinyl Chloride																					
Total		1.64E+01	1.64E+01	2.05E-01	6.83E-05	2.05E-01	2.05E-01	6.83E-05	2.05E-01	1.96E-02		1.96E-02	2.01E-01	6.83E-05	2.01E-01	3.04E-01		3.04E-01	3.57E+00		3.57E+00

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedance of the target hazard index of 1, or values that significantly contribute to an exceedance.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-71
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - AOC 13 - (MW-29S)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

Chemical	Changes in Body Weight			Develop. Effects			Blood Effects			Kidney Effects			Neuro. Effects			GI Effects			Vascular Effects			Liver Effects			Dec. Longevity		
	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl										1.33E-02		1.33E-02															
2,3,7-8 TCDD TEQ				1.77E-03		1.77E-03							1.77E-03		1.77E-03												
2,4-Dimethylphenol																											
2-Methylnaphthalene																											
Acenaphthene																						9.36E-04		9.36E-04			
Acenaphthylene																						1.14E-02		1.14E-02			
Aluminum				7.34E-03		7.34E-03								2.54E-03	2.54E-03												
Anthracene																											
Antimony																											
Arsenic					2.39E-04	2.39E-04								2.39E-04	2.39E-04				4.68E-02	2.39E-04	4.71E-02						
Barium																											
Benzene							1.15E+00	1.84E-01	1.33E+00																		
Benzo(a)anthracene										1.48E-02	3.05E-07	1.48E-02															
Benzo(a)pyrene										1.19E-02	1.85E-07	1.19E-02															
Benzo(b)fluoranthene										8.46E-03	1.61E-07	8.46E-03															
Benzo(g,h,i)perylene										5.79E-03		5.79E-03															
Benzo(k)fluoranthene										8.88E-03	1.75E-07	8.88E-03															
Cadmium										5.98E-04	3.59E-05	6.34E-04															
Carbazole																											
Chromium (total)																											
Chrysene										1.36E-02		1.36E-02															
Copper																											
Cyanide																											
Dibenz(a,h)anthracene										2.11E-03	3.56E-08	2.11E-03															
Dibenzofuran	2.06E-01		2.06E-01																								
Ethylbenzene																											
Fluoranthene							3.01E-02		3.01E-02	3.01E-02		3.01E-02										3.01E-02		3.01E-02			
Fluorene							2.00E-02		2.00E-02																		
Indeno(1,2,3-cd)pyrene										5.78E-03	1.16E-07	5.78E-03															
Iron																5.30E-02		5.30E-02									
Isopropylbenzene																											
Lead																											
Manganese													2.46E-01	3.01E-02	2.79E-01												
Mercury														4.72E-06	4.72E-06												
Naphthalene	1.89E-01		1.89E-01																								
o-Cresol (2-Methylphenol)																											
p-Cresol (4-Methylphenol)	3.62E-02		3.62E-02										3.62E-02		3.62E-02												
Phenanthrene																											
Phenol				8.30E-03		8.30E-03																					
Pyrene										3.08E-02		3.08E-02															
Selenium																											
Styrene																											
Thallium							4.46E-02		4.46E-02																		
Toluene										1.34E-04		1.34E-04		9.34E-04	9.34E-04												
Total PCBs																											
Total Xylenes	9.73E-05		9.73E-05											6.04E-02	6.04E-02										9.73E-05		9.73E-05
Trichloroethene																											
Vanadium																											
Zinc																											
1-Methylnaphthalene																											
1,2,4-Trichlorobenzene																											
Bis(2-Ethylhexyl)phthalate																											
Tetrachloroethene																											
Vinyl Chloride																											
Total	4.32E-01		4.32E-01	1.74E-02	2.39E-04	1.76E-02	1.24E+00	1.84E-01	1.43E+00	1.48E-01	3.56E-06	1.48E-01	2.67E-01	9.42E-02	3.81E-01	5.30E-02		5.30E-02	4.68E-02	2.39E-04	4.71E-02	4.25E-02		4.25E-02	9.73E-05		9.73E-05

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedence of the target hazard index of 1, or values that significantly contribute to an exceedence.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-71
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - AOC 13 - (MW-29S)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

	Nasal Effects			Immune Effects			Hair and Nail Effects			Skin Effects			Eye Effects			Respiratory Effects			No Adverse Effects		
Chemical	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl																					
2,3,7-8 TCDD TEQ																					
2,4-Dimethylphenol																					
2-Methylnaphthalene		2.33E-07	2.33E-07													1.69E-01		1.69E-01			
Acenaphthene																					
Acenaphthylene																					
Aluminum																					
Anthracene																			1.92E-03		1.92E-03
Antimony																					
Arsenic										4.68E-02		4.68E-02									
Barium																					
Benzene																					
Benzo(a)anthracene																					
Benzo(a)pyrene																					
Benzo(b)fluoranthene																					
Benzo(g,h,i)perylene																					
Benzo(k)fluoranthene																					
Cadmium																					
Carbazole																					
Chromium (total)																			1.35E-05		1.35E-05
Chrysene																					
Copper																					
Cyanide																			6.26E-01		6.26E-01
Dibenz(a,h)anthracene																					
Dibenzofuran																					
Ethylbenzene																					
Fluoranthene																					
Fluorene																					
Indeno(1,2,3-cd)pyrene																					
Iron																					
Isopropylbenzene																					
Lead																					
Manganese																					
Mercury				4.20E-03		4.20E-03															
Naphthalene		1.64E+01	1.64E+01																		
o-Cresol (2-Methylphenol)																					
p-Cresol (4-Methylphenol)																					
Phenanthrene																			6.13E-03		6.13E-03
Phenol																					
Pyrene																					
Selenium																					
Styrene																					
Thallium																					
Toluene																					
Total PCBs				2.01E-01	6.83E-05	2.01E-01	2.01E-01	6.83E-05	2.01E-01				2.01E-01	6.83E-05	2.01E-01						
Total Xylenes																					
Trichloroethene																					
Vanadium							3.43E-03		3.43E-03												
Zinc																					
1-Methylnaphthalene																					
1,2,4-Trichlorobenzene																					
Bis(2-Ethylhexyl)phthalate																					
Tetrachloroethene																					
Vinyl Chloride																					
Total		1.64E+01	1.64E+01	2.05E-01	6.83E-05	2.05E-01	2.05E-01	6.83E-05	2.05E-01	4.68E-02		4.68E-02	2.01E-01	6.83E-05	2.01E-01	1.69E-01		1.69E-01	6.34E-01		6.34E-01

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedence of the target hazard index of 1, or values that significantly contribute to an exceedence.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE G-72
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - AOC 13 - (MW-31S)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

	Changes in Body Weight			Develop. Effects			Blood Effects			Kidney Effects			Neuro. Effects			GI Effects			Vascular Effects			Liver Effects			Dec. Longevity		
Chemical	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl										1.33E-02		1.33E-02															
2,3,7-8 TCDD TEQ				1.77E-03		1.77E-03							1.77E-03		1.77E-03												
2,4-Dimethylphenol																											
2-Methylnaphthalene																											
Acenaphthene																						9.36E-04		9.36E-04			
Acenaphthylene																						1.14E-02		1.14E-02			
Aluminum				7.34E-03		7.34E-03								2.54E-03	2.54E-03												
Anthracene																											
Antimony																											
Arsenic					2.39E-04	2.39E-04								2.39E-04	2.39E-04				1.96E-02	2.39E-04	1.96E-02						
Barium																											
Benzene							2.18E-03	1.84E-01	1.87E-01																		
Benzo(a)anthracene										1.46E-02	2.05E-07	1.46E-02															
Benzo(a)pyrene										1.19E-02	1.85E-07	1.19E-02															
Benzo(b)fluoranthene										9.46E-03	1.61E-07	9.46E-03															
Benzo(g,h,i)perylene										5.79E-03		5.79E-03															
Benzo(k)fluoranthene										9.89E-03	1.75E-07	9.89E-03															
Cadmium										5.98E-04	3.59E-05	6.34E-04															
Carbazole																											
Chromium (total)																											
Chrysene										1.36E-02		1.36E-02															
Copper																											
Cyanide																											
Dibenz(a,h)anthracene										2.11E-03	3.56E-08	2.11E-03															
Dibenzofuran	2.06E-01		2.06E-01																								
Ethylbenzene																											
Fluoranthene							3.01E-02		3.01E-02	3.01E-02		3.01E-02										3.01E-02		3.01E-02			
Fluorene							2.00E-02		2.00E-02																		
Indeno(1,2,3-cd)pyrene										5.78E-03	1.16E-07	5.78E-03															
Iron																2.75E-02		2.75E-02									
Isopropylbenzene																											
Lead																											
Manganese													4.53E-02	3.01E-02	7.54E-02												
Mercury														4.72E-06	4.72E-06												
Naphthalene	1.89E-01		1.89E-01																								
o-Cresol (2-Methylphenol)																											
p-Cresol (4-Methylphenol)	3.62E-02		3.62E-02										3.62E-02		3.62E-02												
Phenanthrene																											
Phenol				8.30E-03		8.30E-03																					
Pyrene										3.06E-02		3.06E-02															
Selenium																											
Styrene																											
Thallium							4.46E-02		4.46E-02																		
Toluene										1.34E-04		1.34E-04		9.34E-04	9.34E-04												
Total PCBs																											
Total Xylenes	9.73E-05		9.73E-05											6.04E-02	6.04E-02										9.73E-05		9.73E-05
Trichloroethene										7.01E-05		7.01E-05															
Vanadium																											
Zinc																											
1-Methylnaphthalene																											
1,2,4-Trichlorobenzene																											
Bis(2-Ethylhexyl)phthalate																											
Tetrachloroethene	1.93E-02		1.93E-02																			1.93E-02		1.93E-02			
Vinyl Chloride																											
Total	4.51E-01		4.51E-01	1.74E-02	2.39E-04	1.76E-02	9.69E-02	1.84E-01	2.81E-01	1.48E-01	3.68E-05	1.48E-01	8.33E-02	9.42E-02	1.77E-01	2.75E-02		2.75E-02	1.96E-02	2.39E-04	1.96E-02	6.18E-02		6.18E-02	9.73E-05		9.73E-05

Notes:
COPC - Compound of Potential Concern.
Dec. - Decreased.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedence of the target hazard index of 1, or values that significantly contribute to an exceedence.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

TABLE 6-72
TOXIC ENDPOINTS FOR POTENTIAL
NONCARCINOGENIC EFFECTS (COMBINED SOIL)
FUTURE ON-SITE WORKER - AOC 13 - (MA-318)
NEW MIAMI, BUTLER COUNTY, OHIO
BASELINE HUMAN HEALTH RISK ASSESSMENT

Chemical	Hepatic Effects			Immune Effects			Hair and Nail Effects			Skin Effects			Eye Effects			Respiratory Effects			No Adverse Effects		
	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total	Ing	Inh	Total
1,1-Biphenyl																					
3,3,7-8 TCDD TEQ																					
2,4-Dimethylphenol																					
2-Methylnaphthalene		2.33E-07	2.33E-07													1.66E-01		1.66E-01			
Acenaphthene																					
Acenaphthylene																					
Aluminum																					
Anthracene																			1.93E-03		1.93E-03
Antimony																					
Arsenic										1.66E-02		1.66E-02									
Barium																					
Benzene																					
Benz(a)anthracene																					
Benzo(a)pyrene																					
Benzo(b)fluoranthene																					
Benzo(k,b,j)perylene																					
Benzo(g,h,i)perylene																					
Cadmium																					
Carbazole																					
Chromium (total)																			1.34E-05		1.34E-05
Chrysene																					
Copper																					
Cyanide																					
Dibenz(a,h)anthracene																					
Dibenzofuran																					
Ethylbenzene																					
Fluoranthene																					
Fluorene																					
Indeno(1,2,3-cd)pyrene																					
Iron																					
Isopropylbenzene																					
Lead																					
Manganese																					
Mercury				4.30E-05		4.30E-05															
Naphthalene		1.04E+01	1.04E+01																		
o-Cresol (2-Methylphenol)																					
p-Cresol (4-Methylphenol)																					
Phenanthrene																			6.13E-03		6.13E-03
Phenol																					
Pyrene																					
Selenium																					
Styrene																					
Thallium																					
Toluene																					
Total PCBs				2.01E-01	6.03E-05	2.01E-01	2.01E-01	6.03E-05	2.01E-01				2.01E-01	6.03E-05	2.01E-01						
Total Xylenes																					
Trichloroethene																					
Vanadium							3.43E-05		3.43E-05												
Zinc																					
1-Methylnaphthalene																					
1,2,4-Trichlorobenzene																					
Bis(2-Ethylhexyl)phthalate																					
Tetrachloroethene																					
Vinyl Chloride																					
Total		1.04E+01	1.04E+01	2.05E-01	6.13E-05	2.05E-01	2.05E-01	6.13E-05	2.05E-01	1.66E-02		1.66E-02	2.01E-01	6.03E-05	2.01E-01	1.66E-01		1.66E-01	8.07E-03		8.07E-03

Notes.
COPC - Component of Potential Concern.
Det. - Demonstrated.
Develop. - Developmental.
GI - Gastrointestinal.
HQ - Hazard Quotient.
Ing - Ingestion.
Inh - Inhalation.
Neuro. - Neurological.
PCBs - Polychlorinated Biphenyls.
Bold values indicate an exceedance of the target hazard index of 1, or values that significantly contribute to an exceedance.
Highlighting denotes that the groundwater pathway is included in the target organ HI.
(a) Individual COPC with an HQ greater than 1 is already defined as a COC.

Appendix H

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Appendix H
Detection Limit Evaluation

Table H-1A
Detection Limit Evaluation - Chemicals Never Detected in Surface Soil

Area	CAS No.	Chemical	Units	PRG Resid. Soil (a)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Number of DLs Exceeding PRG	Sample Count
AOC 1	71-55-6	1,1,1-Trichloroethane	mg/kg	200	0.0096	No	0.0039	No	0	20
AOC 1	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.407618604	0.0096	No	0.0039	No	0	20
AOC 1	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	2100	0.0096	No	0.0039	No	0	20
AOC 1	79-00-5	1,1,2-Trichloroethane	mg/kg	0.728825386	0.0096	No	0.0039	No	0	20
AOC 1	75-34-3	1,1-Dichloroethane	mg/kg	50.63968328	0.0096	No	0.0039	No	0	20
AOC 1	75-35-4	1,1-Dichloroethene	mg/kg	12.3530677	0.0096	No	0.0039	No	0	20
AOC 1	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	0.46	0.0096	No	0.0039	No	0	20
AOC 1	106-93-4	1,2-Dibromoethane	mg/kg	0.032	0.0096	No	0.0039	No	0	20
AOC 1	107-06-2	1,2-Dichloroethane	mg/kg	0.277731051	0.0096	No	0.0039	No	0	20
AOC 1	78-87-5	1,2-Dichloropropane	mg/kg	0.342162762	0.0096	No	0.0039	No	0	20
AOC 1	541-73-1	1,3-Dichlorobenzene	mg/kg	53.13493772	0.0096	No	0.0039	No	0	20
AOC 1	106-46-7	1,4-Dichlorobenzene	mg/kg	3.446542497	0.0096	No	0.0039	No	0	20
AOC 1	108-60-1	2,2'-Oxybis(1-Chloropropane)	mg/kg	2.684215512	22	Yes	0.36	No	1	19
AOC 1	95-95-4	2,4,5-Trichlorophenol	mg/kg	611.0309701	22	No	0.36	No	0	19
AOC 1	88-06-2	2,4,6-Trichlorophenol	mg/kg	6.110309701	22	Yes	0.36	No	1	19
AOC 1	120-83-2	2,4-Dichlorophenol	mg/kg	18.3309291	22	Yes	0.36	No	1	19
AOC 1	51-28-5	2,4-Dinitrophenol	mg/kg	12.2206194	110	Yes	1.9	No	1	19
AOC 1	121-14-2	2,4-Dinitrotoluene	mg/kg	12.2206194	22	Yes	0.36	No	1	19
AOC 1	606-20-2	2,6-Dinitrotoluene	mg/kg	6.110309701	22	Yes	0.36	No	1	19
AOC 1	91-58-7	2-Chloronaphthalene	mg/kg	493.6640536	22	No	0.36	No	0	19
AOC 1	95-57-8	2-Chlorophenol	mg/kg	6.339845745	22	Yes	0.36	No	1	19
AOC 1	88-74-4	2-Nitroaniline	mg/kg	18.27722139	110	Yes	1.9	No	1	19
AOC 1	88-75-5	2-Nitrophenol	mg/kg	6.339845745	22	Yes	0.36	No	1	19
AOC 1	91-94-1	3,3'-Dichlorobenzidine	mg/kg	1.060845583	22	Yes	0.36	No	3	19
AOC 1	99-09-2	3-Nitroaniline	mg/kg	1.83309291	110	Yes	1.9	Yes	19	19
AOC 1	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	110	Yes	1.9	Yes	19	19
AOC 1	101-55-3	4-Bromophenylphenyl ether	mg/kg		22	NA	0.36	NA		19
AOC 1	59-50-7	4-Chloro-3-methylphenol	mg/kg		22	NA	0.36	NA		19
AOC 1	106-47-8	4-Chloroaniline	mg/kg	24.4412388	22	No	0.36	No	0	19
AOC 1	7005-72-3	4-Chlorophenylphenyl ether	mg/kg		22	NA	0.36	NA		19
AOC 1	108-10-1	4-Methyl-2-pentanone	mg/kg	528.0885751	0.019	No	0.0079	No	0	20
AOC 1	100-01-6	4-Nitroaniline	mg/kg	23.16097678	110	Yes	1.9	No	1	19
AOC 1	100-02-7	4-Nitrophenol	mg/kg	6.339845745	110	Yes	1.9	No	1	19
AOC 1	98-86-2	Acetophenone	mg/kg	780	22	No	0.36	No	0	19
AOC 1	7440-36-0	Antimony	mg/kg	3.128571233	7.5	Yes	6.2	Yes	19	19
AOC 1	12674-11-2	Aroclor 1016	mg/kg	0.39330823	22	Yes	0.036	No	1	19
AOC 1	11104-28-2	Aroclor 1221	mg/kg	0.11	44	Yes	0.073	No	5	19
AOC 1	11141-16-5	Aroclor 1232	mg/kg	0.11	22	Yes	0.036	No	4	19
AOC 1	53469-21-9	Aroclor 1242	mg/kg	0.11	22	Yes	0.036	No	4	19
AOC 1	1912-24-9	Atrazine	mg/kg	2.190904294	22	Yes	0.36	No	1	19
AOC 1	111-91-1	Bis(2-Chloroethoxy)methane	mg/kg		22	NA	0.36	NA		19
AOC 1	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	22	Yes	0.36	Yes	19	19
AOC 1	75-27-4	Bromodichloromethane	mg/kg	0.824275042	0.0096	No	0.0039	No	0	20
AOC 1	75-25-2	Bromoform	mg/kg	61.68888849	0.0096	No	0.0039	No	0	20
AOC 1	74-83-9	Bromomethane	mg/kg	0.369856117	0.0096	No	0.0039	No	0	20
AOC 1	85-68-7	Butylbenzylphthalate	mg/kg	1222.06194	22	No	0.36	No	0	19
AOC 1	105-60-2	Caprolactam	mg/kg	3055.15485	22	No	0.37	No	0	19
AOC 1	56-23-5	Carbon tetrachloride	mg/kg	0.251248068	0.0096	No	0.0039	No	0	20
AOC 1	108-90-7	Chlorobenzene	mg/kg	15.06578627	0.0096	No	0.0039	No	0	20
AOC 1	75-00-3	Chloroethane	mg/kg	3.025815812	0.019	No	0.0079	No	0	20
AOC 1	75-00-3	Chloroethane	mg/kg	3.025815812	0.019	No	0.0079	No	0	20
AOC 1	67-66-3	Chloroform	mg/kg	0.220791771	0.0096	No	0.0039	No	0	20

Table H-1A
Detection Limit Evaluation - Chemicals Never Detected in Surface Soil

Area	CAS No.	Chemical	Units	PRG Resid. Soil (a)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Number of DLs Exceeding PRG	Sample Count
AOC 1	156-59-2	cis-1,2-Dichloroethene	mg/kg	4.294190036	0.0096	No	0.0039	No	0	20
AOC 1	10061-01-5	cis-1,3-Dichloropropene	mg/kg	0.776532354	0.0096	No	0.0039	No	0	20
AOC 1	124-48-1	Dibromochloromethane	mg/kg	1.108864857	0.0096	No	0.0039	No	0	20
AOC 1	75-71-8	Dichlorodifluoromethane	mg/kg	9.387910292	0.0096	No	0.0039	No	0	20
AOC 1	84-66-2	Diethylphthalate	mg/kg	4888.247761	22	No	0.36	No	0	19
AOC 1	131-11-3	Dimethylphthalate	mg/kg	61000	22	No	0.36	No	0	19
AOC 1	84-74-2	Di-n-butylphthalate	mg/kg	611.0309701	22	No	0.36	No	0	19
AOC 1	117-84-0	Di-n-octylphthalate	mg/kg	244.412388	22	No	0.36	No	0	19
AOC 1	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	22	Yes	0.36	Yes	19	19
AOC 1	87-68-3	Hexachlorobutadiene	mg/kg	1.8	22	Yes	0.36	No	1	19
AOC 1	77-47-4	Hexachlorocyclopentadiene	mg/kg	36.54874986	22	No	0.36	No	0	19
AOC 1	67-72-1	Hexachloroethane	mg/kg	34.74146517	22	No	0.36	No	0	19
AOC 1	78-59-1	Isophorone	mg/kg	511.9794868	22	No	0.36	No	0	19
AOC 1	79-20-9	Methyl acetate	mg/kg	2208.674401	0.019	No	0.0079	No	0	20
AOC 1	1634-04-4	Methyl-tert-butyl-ether	mg/kg	16.70074836	0.0096	No	0.0039	No	0	20
AOC 1	98-95-3	Nitrobenzene	mg/kg	1.964120482	22	Yes	0.36	No	1	19
AOC 1	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.06946293	22	Yes	0.36	Yes	19	19
AOC 1	86-30-6	N-Nitrosodiphenylamine	mg/kg	99.26132907	22	No	0.36	No	0	19
AOC 1	95-48-7	o-Cresol (2-Methylphenol)	mg/kg	305.515485	22	No	0.36	No	0	19
AOC 1	87-86-5	Pentachlorophenol	mg/kg	2.978985095	110	Yes	1.9	No	3	19
AOC 1	108-95-2	Phenol	mg/kg	1833.09291	22	No	0.36	No	0	19
AOC 1	100-42-5	Styrene	mg/kg	440	0.0096	No	0.0039	No	0	20
AOC 1	7440-28-0	Thallium	mg/kg	0.51621428	58.6	Yes	1.1	Yes	19	19
AOC 1	156-60-5	trans-1,2-Dichloroethene	mg/kg	6.948962716	0.0096	No	0.0039	No	0	20
AOC 1	10061-02-6	trans-1,3-Dichloropropene	mg/kg	0.776532354	0.0096	No	0.0039	No	0	20
AOC 1	75-01-4	Vinyl chloride	mg/kg	0.079087784	0.0096	No	0.0039	No	0	20
AOC 13	71-55-6	1,1,1-Trichloroethane	mg/kg	200	0.0068	No	0.0043	No	0	24
AOC 13	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.407618604	0.0068	No	0.0043	No	0	24
AOC 13	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	2100	0.0068	No	0.0043	No	0	24
AOC 13	79-00-5	1,1,2-Trichloroethane	mg/kg	0.728625386	0.0068	No	0.0043	No	0	24
AOC 13	92-52-4	1,1-Biphenyl	mg/kg	301.444942	18	No	0.37	No	0	24
AOC 13	75-34-3	1,1-Dichloroethane	mg/kg	50.63968328	0.0068	No	0.0043	No	0	24
AOC 13	75-35-4	1,1-Dichloroethene	mg/kg	12.3530677	0.0068	No	0.0043	No	0	24
AOC 13	72918-21-9	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	mg/kg	3.89857E-06	0.000000128	No	0.000000034	No	0	7
AOC 13	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	0.46	0.0068	No	0.0043	No	0	24
AOC 13	106-93-4	1,2-Dibromoethane	mg/kg	0.032	0.0068	No	0.0043	No	0	24
AOC 13	95-50-1	1,2-Dichlorobenzene	mg/kg	110	0.0068	No	0.0043	No	0	24
AOC 13	107-06-2	1,2-Dichloroethane	mg/kg	0.277731051	0.0068	No	0.0043	No	0	24
AOC 13	78-87-5	1,2-Dichloropropane	mg/kg	0.342162762	0.0068	No	0.0043	No	0	24
AOC 13	108-60-1	2,2'-Oxybis(1-Chloropropane)	mg/kg	2.884215512	18	Yes	0.37	No	3	24
AOC 13	95-95-4	2,4,5-Trichlorophenol	mg/kg	611.0309701	18	No	0.37	No	0	24
AOC 13	88-06-2	2,4,6-Trichlorophenol	mg/kg	6.110309701	18	Yes	0.37	No	1	24
AOC 13	120-83-2	2,4-Dichlorophenol	mg/kg	18.3309291	18	No	0.37	No	0	24
AOC 13	105-67-9	2,4-Dimethylphenol	mg/kg	122.206194	18	No	0.37	No	0	24
AOC 13	51-28-5	2,4-Dinitrophenol	mg/kg	12.2206194	93	Yes	1.9	No	3	24
AOC 13	121-14-2	2,4-Dinitrotoluene	mg/kg	12.2206194	18	Yes	0.37	No	1	24
AOC 13	606-20-2	2,6-Dinitrotoluene	mg/kg	6.110309701	18	Yes	0.37	No	1	24
AOC 13	91-58-7	2-Chloronaphthalene	mg/kg	493.6640536	18	No	0.37	No	0	24
AOC 13	95-57-8	2-Chlorophenol	mg/kg	6.339845745	18	Yes	0.37	No	1	24
AOC 13	591-78-6	2-Hexanone	mg/kg	528.0885751	0.014	No	0.0085	No	0	24
AOC 13	88-74-4	2-Nitroaniline	mg/kg	18.27722139	93	Yes	1.9	No	3	24
AOC 13	88-75-5	2-Nitrophenol	mg/kg	6.339845745	18	Yes	0.37	No	1	24

Table H-1A
Detection Limit Evaluation - Chemicals Never Detected in Surface Soil

Area	CAS No.	Chemical	Units	PRG Resid. Soil (a)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Number of DLs Exceeding PRG	Sample Count
AOC 13	91-94-1	3,3'-Dichlorobenzidine	mg/kg	1.060845583	18	Yes	0.37	No	9	24
AOC 13	99-09-2	3-Nitroaniline	mg/kg	1.83309291	93	Yes	1.9	Yes	24	24
AOC 13	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	93	Yes	1.9	Yes	24	24
AOC 13	101-55-3	4-Bromophenylphenyl ether	mg/kg		18	NA	0.37	NA		24
AOC 13	59-50-7	4-Chloro-3-methylphenol	mg/kg		18	NA	0.37	NA		24
AOC 13	106-47-8	4-Chloroaniline	mg/kg	24.4412388	18	No	0.37	No	0	24
AOC 13	7005-72-3	4-Chlorophenylphenyl ether	mg/kg		18	NA	0.37	NA		24
AOC 13	108-10-1	4-Methyl-2-pentanone	mg/kg	528.0885751	0.014	No	0.0085	No	0	24
AOC 13	100-01-6	4-Nitroaniline	mg/kg	23.16097878	93	Yes	1.9	No	1	24
AOC 13	100-02-7	4-Nitrophenol	mg/kg	6.339845745	93	Yes	1.9	No	8	24
AOC 13	98-86-2	Acetophenone	mg/kg	780	18	No	0.37	No	0	24
AOC 13	7440-36-0	Antimony	mg/kg	3.128571233	7.4	Yes	3.5	Yes	23	24
AOC 13	12674-11-2	Aroclor 1016	mg/kg	0.38330823	2	Yes	0.036	No	1	24
AOC 13	11104-28-2	Aroclor 1221	mg/kg	0.11	4.1	Yes	0.073	No	5	24
AOC 13	11141-16-5	Aroclor 1232	mg/kg	0.11	2	Yes	0.036	No	5	24
AOC 13	53469-21-9	Aroclor 1242	mg/kg	0.11	2	Yes	0.036	No	5	24
AOC 13	1912-24-9	Atrazine	mg/kg	2.190904294	18	Yes	0.37	No	4	24
AOC 13	100-52-7	Benzaldehyde	mg/kg	611.0309701	180	No	0.39	No	0	24
AOC 13	111-91-1	Bis(2-Chloroethoxy)methane	mg/kg		18	NA	0.37	NA		24
AOC 13	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	18	Yes	0.37	Yes	24	24
AOC 13	75-27-4	Bromodichloromethane	mg/kg	0.824275042	0.0068	No	0.0043	No	0	24
AOC 13	75-25-2	Bromoform	mg/kg	61.56888849	0.0068	No	0.0043	No	0	24
AOC 13	74-83-9	Bromomethane	mg/kg	0.389656117	0.0068	No	0.0043	No	0	24
AOC 13	85-68-7	Butylbenzylphthalate	mg/kg	1222.06194	18	No	0.37	No	0	24
AOC 13	105-60-2	Caprolactam	mg/kg	3055.15485	18	No	0.37	No	0	24
AOC 13	56-23-5	Carbon tetrachloride	mg/kg	0.251246068	0.0068	No	0.0043	No	0	24
AOC 13	108-90-7	Chlorobenzene	mg/kg	15.08578627	0.0068	No	0.0043	No	0	24
AOC 13	75-00-3	Chloroethane	mg/kg	3.025815812	0.014	No	0.0085	No	0	24
AOC 13	75-00-3	Chloroethane	mg/kg	3.025815812	0.014	No	0.0085	No	0	24
AOC 13	67-66-3	Chloroform	mg/kg	0.220791771	0.0068	No	0.0043	No	0	24
AOC 13	74-87-3	Chloromethane	mg/kg	4.685346206	0.0068	No	0.0043	No	0	24
AOC 13	156-59-2	cis-1,2-Dichloroethene	mg/kg	4.294190036	0.0068	No	0.0043	No	0	24
AOC 13	10061-01-5	cis-1,3-Dichloropropene	mg/kg	0.776532354	0.0068	No	0.0043	No	0	24
AOC 13	124-48-1	Dibromochloromethane	mg/kg	1.108864857	0.0068	No	0.0043	No	0	24
AOC 13	84-66-2	Diethylphthalate	mg/kg	4888.247761	18	No	0.37	No	0	24
AOC 13	131-11-3	Dimethylphthalate	mg/kg	61000	18	No	0.37	No	0	24
AOC 13	84-74-2	Di-n-butylphthalate	mg/kg	611.0309701	18	No	0.37	No	0	24
AOC 13	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	18	Yes	0.37	Yes	24	24
AOC 13	87-68-3	Hexachlorobutadiene	mg/kg	1.8	18	Yes	0.37	No	6	24
AOC 13	77-47-4	Hexachlorocyclopentadiene	mg/kg	36.54874986	18	No	0.37	No	0	24
AOC 13	67-72-1	Hexachloroethane	mg/kg	34.74146517	18	No	0.37	No	0	24
AOC 13	78-59-1	Isophorone	mg/kg	511.9794868	18	No	0.37	No	0	24
AOC 13	79-20-9	Methyl acetate	mg/kg	2208.674401	0.014	No	0.0085	No	0	24
AOC 13	1634-04-4	Methyl-tert-butyl-ether	mg/kg	16.70074836	0.0068	No	0.0043	No	0	24
AOC 13	98-95-3	Nitrobenzene	mg/kg	1.964120482	18	Yes	0.37	No	5	24
AOC 13	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.06846293	18	Yes	0.37	Yes	24	24
AOC 13	86-30-6	N-Nitrosodiphenylamine	mg/kg	99.28132907	18	No	0.37	No	0	24
AOC 13	95-48-7	o-Cresol (2-Methylphenol)	mg/kg	305.515485	18	No	0.37	No	0	24
AOC 13	106-44-5	p-Cresol (4-Methylphenol)	mg/kg	30.5515485	18	No	0.37	No	0	24
AOC 13	87-86-5	Pentachlorophenol	mg/kg	2.978985095	93	Yes	1.9	No	9	24
AOC 13	108-95-2	Phenol	mg/kg	1833.09291	18	No	0.37	No	0	24
AOC 13	100-42-5	Styrene	mg/kg	440	0.0068	No	0.0043	No	0	24

Table H-1A
Detection Limit Evaluation - Chemicals Never Detected in Surface Soil

Area	CAS No.	Chemical	Units	PRG Resid. Soil (a)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Number of DLs Exceeding PRG	Sample Count
AOC 13	7440-28-0	Thallium	mg/kg	0.51621428	26.2	Yes	1.1	Yes	24	24
AOC 13	156-60-5	trans-1,2-Dichloroethene	mg/kg	8.948962718	0.0068	No	0.0043	No	0	24
AOC 13	10061-02-6	trans-1,3-Dichloropropene	mg/kg	0.776532354	0.0068	No	0.0043	No	0	24
AOC 13	75-01-4	Vinyl chloride	mg/kg	0.079067784	0.0068	No	0.0043	No	0	24
AOC 18 and AOC 21	71-55-6	1,1,1-Trichloroethane	mg/kg	200	0.0063	No	0.0044	No	0	14
AOC 18 and AOC 21	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.407618604	0.0063	No	0.0044	No	0	14
AOC 18 and AOC 21	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	2100	0.0052	No	0.0044	No	0	5
AOC 18 and AOC 21	79-00-5	1,1,2-Trichloroethane	mg/kg	0.728625386	0.0063	No	0.0044	No	0	14
AOC 18 and AOC 21	92-52-4	1,1-Biphenyl	mg/kg	301.444942	0.42	No	0.36	No	0	14
AOC 18 and AOC 21	75-34-3	1,1-Dichloroethane	mg/kg	50.63968328	0.0063	No	0.0044	No	0	14
AOC 18 and AOC 21	75-35-4	1,1-Dichloroethene	mg/kg	12.3630677	0.0063	No	0.0044	No	0	14
AOC 18 and AOC 21	72918-21-9	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	mg/kg	3.89857E-06	0.000000067	No	0.000000023	No	0	7
AOC 18 and AOC 21	120-82-1	1,2,4-Trichlorobenzene	mg/kg	6.215976296	0.013	No	0.0044	No	0	14
AOC 18 and AOC 21	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	0.46	0.013	No	0.0044	No	0	14
AOC 18 and AOC 21	106-93-4	1,2-Dibromoethane	mg/kg	0.032	0.0063	No	0.0044	No	0	14
AOC 18 and AOC 21	95-50-1	1,2-Dichlorobenzene	mg/kg	110	0.0063	No	0.0044	No	0	14
AOC 18 and AOC 21	107-06-2	1,2-Dichloroethane	mg/kg	0.277731051	0.0063	No	0.0044	No	0	14
AOC 18 and AOC 21	78-87-5	1,2-Dichloropropane	mg/kg	0.342162762	0.0063	No	0.0044	No	0	14
AOC 18 and AOC 21	541-73-1	1,3-Dichlorobenzene	mg/kg	53.13493772	0.0063	No	0.0044	No	0	14
AOC 18 and AOC 21	106-46-7	1,4-Dichlorobenzene	mg/kg	3.446542497	0.0063	No	0.0044	No	0	14
AOC 18 and AOC 21	108-60-1	2,2'-Oxybis(1-Chloropropane)	mg/kg	2.884215512	0.42	No	0.36	No	0	14
AOC 18 and AOC 21	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	mg/kg	3.89857E-06	0.000001409	No	0.000000038	No	0	7
AOC 18 and AOC 21	95-95-4	2,4,5-Trichlorophenol	mg/kg	611.0309701	0.42	No	0.36	No	0	14
AOC 18 and AOC 21	88-06-2	2,4,6-Trichlorophenol	mg/kg	6.110309701	0.42	No	0.36	No	0	14
AOC 18 and AOC 21	120-83-2	2,4-Dichlorophenol	mg/kg	18.3309291	0.42	No	0.36	No	0	14
AOC 18 and AOC 21	105-67-9	2,4-Dimethylphenol	mg/kg	122.206194	0.42	No	0.36	No	0	14
AOC 18 and AOC 21	51-28-5	2,4-Dinitrophenol	mg/kg	12.2206194	2.1	No	0.77	No	0	14
AOC 18 and AOC 21	121-14-2	2,4-Dinitrotoluene	mg/kg	12.2206194	0.42	No	0.36	No	0	14
AOC 18 and AOC 21	606-20-2	2,6-Dinitrotoluene	mg/kg	6.110309701	0.42	No	0.36	No	0	14
AOC 18 and AOC 21	91-58-7	2-Chloronaphthalene	mg/kg	493.6640536	0.42	No	0.36	No	0	14
AOC 18 and AOC 21	95-57-8	2-Chlorophenol	mg/kg	6.339845745	0.42	No	0.36	No	0	14
AOC 18 and AOC 21	591-78-6	2-Hexanone	mg/kg	528.0885751	0.013	No	0.0087	No	0	14
AOC 18 and AOC 21	91-57-6	2-Methylnaphthalene	mg/kg	5.591605663	0.42	No	0.36	No	0	14
AOC 18 and AOC 21	88-74-4	2-Nitroaniline	mg/kg	18.27722139	2.1	No	0.38	No	0	14
AOC 18 and AOC 21	88-75-5	2-Nitrophenol	mg/kg	6.339845745	0.42	No	0.36	No	0	14
AOC 18 and AOC 21	91-94-1	3,3'-Dichlorobenzidine	mg/kg	1.080845583	0.42	No	0.36	No	0	14
AOC 18 and AOC 21	99-09-2	3-Nitroaniline	mg/kg	1.83309291	2.1	Yes	0.38	No	5	14
AOC 18 and AOC 21	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	2.1	Yes	0.77	Yes	14	14
AOC 18 and AOC 21	101-55-3	4-Bromophenylphenyl ether	mg/kg		0.42	NA	0.36	NA		14
AOC 18 and AOC 21	59-50-7	4-Chloro-3-methylphenol	mg/kg		0.42	NA	0.36	NA		14
AOC 18 and AOC 21	106-47-8	4-Chloroaniline	mg/kg	24.4412388	0.42	No	0.36	No	0	14
AOC 18 and AOC 21	7005-72-3	4-Chlorophenylphenyl ether	mg/kg		0.42	NA	0.36	NA		14
AOC 18 and AOC 21	108-10-1	4-Methyl-2-pentanone	mg/kg	528.0885751	0.013	No	0.0087	No	0	14
AOC 18 and AOC 21	100-01-6	4-Nitroaniline	mg/kg	23.16097878	2.1	No	0.38	No	0	14
AOC 18 and AOC 21	100-02-7	4-Nitrophenol	mg/kg	6.339845745	2.1	No	0.77	No	0	14
AOC 18 and AOC 21	83-32-9	Acenaphthene	mg/kg	368.1705748	1.5	No	0.36	No	0	20
AOC 18 and AOC 21	98-86-2	Acetophenone	mg/kg	780	0.42	No	0.36	No	0	14
AOC 18 and AOC 21	12674-11-2	Aroclor 1016	mg/kg	0.39330823	0.19	No	0.038	No	0	20
AOC 18 and AOC 21	11104-28-2	Aroclor 1221	mg/kg	0.11	0.38	Yes	0.038	No	1	20
AOC 18 and AOC 21	11141-16-5	Aroclor 1232	mg/kg	0.11	0.19	Yes	0.036	No	1	20
AOC 18 and AOC 21	53469-21-9	Aroclor 1242	mg/kg	0.11	0.19	Yes	0.036	No	1	20
AOC 18 and AOC 21	11096-82-5	Aroclor 1260	mg/kg	0.11	0.19	Yes	0.036	No	1	20

Table H-1A
Detection Limit Evaluation - Chemicals Never Detected in Surface Soil

Area	CAS No.	Chemical	Units	PRG Resid. Soil (a)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Number of DLs Exceeding PRG	Sample Count
AOC 18 and AOC 21	1912-24-9	Atrazine	mg/kg	2.190904294	0.42	No	0.36	No	0	14
AOC 18 and AOC 21	100-52-7	Benzaldehyde	mg/kg	611.0309701	2.1	No	0.36	No	0	14
AOC 18 and AOC 21	111-91-1	Bis(2-Chloroethoxy)methane	mg/kg		0.42	NA	0.36	NA		14
AOC 18 and AOC 21	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	0.42	Yes	0.36	Yes	14	14
AOC 18 and AOC 21	75-27-4	Bromodichloromethane	mg/kg	0.824275042	0.0063	No	0.0044	No	0	14
AOC 18 and AOC 21	75-25-2	Bromoform	mg/kg	61.56888849	0.0063	No	0.0044	No	0	14
AOC 18 and AOC 21	74-83-9	Bromomethane	mg/kg	0.389656117	0.0063	No	0.0044	No	0	14
AOC 18 and AOC 21	85-68-7	Butylbenzylphthalate	mg/kg	1222.06194	0.42	No	0.36	No	0	14
AOC 18 and AOC 21	105-60-2	Caprolactam	mg/kg	3055.15485	0.42	No	0.36	No	0	14
AOC 18 and AOC 21	86-74-8	Carbazole	mg/kg	24.31902562	0.42	No	0.36	No	0	14
AOC 18 and AOC 21	56-23-5	Carbon tetrachloride	mg/kg	0.251246066	0.0063	No	0.0044	No	0	14
AOC 18 and AOC 21	108-90-7	Chlorobenzene	mg/kg	15.08578627	0.0063	No	0.0044	No	0	14
AOC 18 and AOC 21	75-00-3	Chloroethane	mg/kg	3.025815812	0.01	No	0.0046	No	0	14
AOC 18 and AOC 21	75-00-3	Chloroethane	mg/kg	3.025815812	0.01	No	0.0046	No	0	14
AOC 18 and AOC 21	74-87-3	Chloromethane	mg/kg	4.685346206	0.0063	No	0.0044	No	0	14
AOC 18 and AOC 21	156-59-2	cis-1,2-Dichloroethene	mg/kg	4.294190036	0.0063	No	0.0044	No	0	14
AOC 18 and AOC 21	10061-01-5	cis-1,3-Dichloropropene	mg/kg	0.778532354	0.0063	No	0.0044	No	0	14
AOC 18 and AOC 21	132-64-9	Dibenzofuran	mg/kg	14.52631361	0.42	No	0.36	No	0	14
AOC 18 and AOC 21	124-48-1	Dibromochloromethane	mg/kg	1.108864857	0.0063	No	0.0044	No	0	14
AOC 18 and AOC 21	75-71-8	Dichlorodifluoromethane	mg/kg	9.387910292	0.0063	No	0.0044	No	0	14
AOC 18 and AOC 21	84-66-2	Diethylphthalate	mg/kg	4888.247761	0.42	No	0.36	No	0	14
AOC 18 and AOC 21	131-11-3	Dimethylphthalate	mg/kg	61000	0.42	No	0.36	No	0	14
AOC 18 and AOC 21	84-74-2	Di-n-butylphthalate	mg/kg	611.0309701	0.42	No	0.36	No	0	14
AOC 18 and AOC 21	117-84-0	Di-n-octylphthalate	mg/kg	244.412388	0.42	No	0.36	No	0	14
AOC 18 and AOC 21	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	0.42	Yes	0.36	Yes	14	14
AOC 18 and AOC 21	87-68-3	Hexachlorobutadiene	mg/kg	1.8	0.42	No	0.36	No	0	14
AOC 18 and AOC 21	77-47-4	Hexachlorocyclopentadiene	mg/kg	36.54874986	0.42	No	0.36	No	0	14
AOC 18 and AOC 21	67-72-1	Hexachloroethane	mg/kg	34.74146517	0.42	No	0.36	No	0	14
AOC 18 and AOC 21	78-59-1	Isophorone	mg/kg	511.9794868	0.42	No	0.36	No	0	14
AOC 18 and AOC 21	98-82-8	Isopropylbenzene	mg/kg	15.70273706	0.0063	No	0.0044	No	0	14
AOC 18 and AOC 21	79-20-9	Methyl acetate	mg/kg	2208.674401	0.013	No	0.0087	No	0	14
AOC 18 and AOC 21	1634-04-4	Methyl-tert-butyl-ether	mg/kg	16.70074836	0.0063	No	0.0044	No	0	14
AOC 18 and AOC 21	98-95-3	Nitrobenzene	mg/kg	1.964120482	0.42	No	0.36	No	0	14
AOC 18 and AOC 21	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.08948293	0.42	Yes	0.36	Yes	14	14
AOC 18 and AOC 21	86-30-6	N-Nitrosodiphenylamine	mg/kg	99.26132907	0.42	No	0.36	No	0	14
AOC 18 and AOC 21	95-48-7	o-Cresol (2-Methylphenol)	mg/kg	305.515485	0.42	No	0.36	No	0	14
AOC 18 and AOC 21	106-44-5	p-Cresol (4-Methylphenol)	mg/kg	30.5515485	0.42	No	0.36	No	0	14
AOC 18 and AOC 21	87-86-5	Pentachlorophenol	mg/kg	2.978985095	2.1	No	0.77	No	0	14
AOC 18 and AOC 21	108-95-2	Phenol	mg/kg	1833.09291	0.42	No	0.36	No	0	14
AOC 18 and AOC 21	7440-22-4	Silver	mg/kg	39.10711227	1.2	No	0.27	No	0	20
AOC 18 and AOC 21	100-42-5	Styrene	mg/kg	440	0.0063	No	0.0044	No	0	14
AOC 18 and AOC 21	127-18-4	Tetrachloroethene	mg/kg	0.483591399	0.0063	No	0.0044	No	0	14
AOC 18 and AOC 21	156-60-5	trans-1,2-Dichloroethene	mg/kg	6.948962718	0.0063	No	0.0044	No	0	14
AOC 18 and AOC 21	10061-02-6	trans-1,3-Dichloropropene	mg/kg	0.778532354	0.0063	No	0.0044	No	0	14
AOC 18 and AOC 21	79-01-6	Trichloroethene	mg/kg	0.052983337	0.0063	No	0.0044	No	0	14
AOC 18 and AOC 21	26523-64-8	TRICHLOROTRIFLUOROETHANE	mg/kg		0.0063	NA	0.0046	NA		9
AOC 18 and AOC 21	75-01-4	Vinyl chloride	mg/kg	0.079067784	0.0063	No	0.0044	No	0	14
AOC 19	72918-21-9	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	mg/kg	3.89857E-08	0.00000098	No	0.000000029	No	0	6
AOC 19	7440-36-0	Antimony	mg/kg	3.128571233	7.6	Yes	6.5	Yes	15	15
AOC 19	12674-11-2	Aroclor 1016	mg/kg	0.39330823	0.043	No	0.037	No	0	15
AOC 19	11104-28-2	Aroclor 1221	mg/kg	0.11	0.088	No	0.075	No	0	15
AOC 19	11141-16-5	Aroclor 1232	mg/kg	0.11	0.043	No	0.037	No	0	15

Table H-1A
Detection Limit Evaluation - Chemicals Never Detected in Surface Soil

Area	CAS No.	Chemical	Units	PRG Resid. Soil (a)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Number of DLs Exceeding PRG	Sample Count
AOC 19	53469-21-9	Aroclor 1242	mg/kg	0.11	0.043	No	0.037	No	0	15
AOC 19	11096-82-5	Aroclor 1260	mg/kg	0.11	0.043	No	0.037	No	0	15
AOC 19	7440-22-4	Silver	mg/kg	39.10711227	1.3	No	1.1	No	0	15
AOC 19	7440-28-0	Thallium	mg/kg	0.51621428	1.3	Yes	1.1	Yes	15	15
AOC 2	71-55-6	1,1,1-Trichloroethane	mg/kg	200	0.017	No	0.0048	No	0	11
AOC 2	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.407618604	0.017	No	0.0048	No	0	11
AOC 2	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	2100	0.006	No	0.0048	No	0	3
AOC 2	79-00-5	1,1,2-Trichloroethane	mg/kg	0.728825386	0.017	No	0.0048	No	0	11
AOC 2	75-34-3	1,1-Dichloroethane	mg/kg	50.63988328	0.017	No	0.0048	No	0	11
AOC 2	75-35-4	1,1-Dichloroethene	mg/kg	12.3530677	0.017	No	0.0048	No	0	11
AOC 2	120-82-1	1,2,4-Trichlorobenzene	mg/kg	6.215976296	0.033	No	0.0048	No	0	11
AOC 2	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	0.46	0.033	No	0.0048	No	0	11
AOC 2	106-93-4	1,2-Dibromoethane	mg/kg	0.032	0.017	No	0.0048	No	0	11
AOC 2	107-06-2	1,2-Dichloroethane	mg/kg	0.277731051	0.017	No	0.0048	No	0	11
AOC 2	78-87-5	1,2-Dichloropropane	mg/kg	0.342162762	0.017	No	0.0048	No	0	11
AOC 2	108-60-1	2,2'-Oxybis(1-Chloropropane)	mg/kg	2.884215512	0.43	No	0.37	No	0	11
AOC 2	95-95-4	2,4,5-Trichlorophenol	mg/kg	611.0309701	0.43	No	0.37	No	0	11
AOC 2	88-06-2	2,4,6-Trichlorophenol	mg/kg	6.110309701	0.43	No	0.37	No	0	11
AOC 2	120-83-2	2,4-Dichlorophenol	mg/kg	18.3309291	0.43	No	0.37	No	0	11
AOC 2	105-67-9	2,4-Dimethylphenol	mg/kg	122.206194	0.43	No	0.37	No	0	11
AOC 2	51-28-5	2,4-Dinitrophenol	mg/kg	12.2206194	0.88	No	0.75	No	0	11
AOC 2	121-14-2	2,4-Dinitrotoluene	mg/kg	12.2206194	0.43	No	0.37	No	0	11
AOC 2	606-20-2	2,6-Dinitrotoluene	mg/kg	6.110309701	0.43	No	0.37	No	0	11
AOC 2	91-58-7	2-Chloronaphthalene	mg/kg	493.6640536	0.43	No	0.37	No	0	11
AOC 2	95-57-8	2-Chlorophenol	mg/kg	6.339845745	0.43	No	0.37	No	0	11
AOC 2	88-74-4	2-Nitroaniline	mg/kg	18.27722139	0.43	No	0.37	No	0	11
AOC 2	88-75-5	2-Nitrophenol	mg/kg	6.339845745	0.43	No	0.37	No	0	11
AOC 2	91-94-1	3,3'-Dichlorobenzidine	mg/kg	1.080845583	0.43	No	0.37	No	0	11
AOC 2	99-09-2	3-Nitroaniline	mg/kg	1.83309291	0.43	No	0.37	No	0	11
AOC 2	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	0.88	Yes	0.75	Yes	11	11
AOC 2	101-55-3	4-Bromophenylphenyl ether	mg/kg		0.43	NA	0.37	NA		11
AOC 2	59-50-7	4-Chloro-3-methylphenol	mg/kg		0.43	NA	0.37	NA		11
AOC 2	106-47-8	4-Chloroaniline	mg/kg	24.4412388	0.43	No	0.37	No	0	11
AOC 2	7005-72-3	4-Chlorophenylphenyl ether	mg/kg		0.43	NA	0.37	NA		11
AOC 2	108-10-1	4-Methyl-2-pentanone	mg/kg	528.0885751	0.033	No	0.0097	No	0	11
AOC 2	100-01-6	4-Nitroaniline	mg/kg	23.16097678	0.43	No	0.37	No	0	11
AOC 2	100-02-7	4-Nitrophenol	mg/kg	6.339845745	0.88	No	0.75	No	0	11
AOC 2	98-86-2	Acetophenone	mg/kg	780	0.43	No	0.37	No	0	11
AOC 2	12674-11-2	Aroclor 1016	mg/kg	0.39330823	0.043	No	0.037	No	0	11
AOC 2	11104-28-2	Aroclor 1221	mg/kg	0.11	0.043	No	0.037	No	0	11
AOC 2	11141-16-5	Aroclor 1232	mg/kg	0.11	0.043	No	0.037	No	0	11
AOC 2	53469-21-9	Aroclor 1242	mg/kg	0.11	0.043	No	0.037	No	0	11
AOC 2	11097-69-1	Aroclor 1254	mg/kg	0.11	0.043	No	0.037	No	0	11
AOC 2	1912-24-9	Atrazine	mg/kg	2.190904294	0.43	No	0.37	No	0	11
AOC 2	100-52-7	Benzaldehyde	mg/kg	611.0309701	0.43	No	0.37	No	0	11
AOC 2	111-91-1	Bis(2-Chloroethoxy)methane	mg/kg		0.43	NA	0.37	NA		11
AOC 2	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	0.43	Yes	0.37	Yes	11	11
AOC 2	117-81-7	Bis(2-Ethylhexyl)phthalate	mg/kg	34.74146517	0.43	No	0.37	No	0	11
AOC 2	75-27-4	Bromodichloromethane	mg/kg	0.824275042	0.017	No	0.0048	No	0	11
AOC 2	75-25-2	Bromoform	mg/kg	61.56888849	0.017	No	0.0048	No	0	11
AOC 2	74-83-9	Bromomethane	mg/kg	0.389858117	0.017	No	0.0048	No	0	11
AOC 2	85-68-7	Butylbenzylphthalate	mg/kg	1222.08194	0.43	No	0.37	No	0	11

Table H-1A
Detection Limit Evaluation - Chemicals Never Detected in Surface Soil

Area	CAS No.	Chemical	Units	PRG Resid. Soil (a)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Number of DLs Exceeding PRG	Sample Count
AOC 2	105-60-2	Caprolactam	mg/kg	3055.15485	0.43	No	0.37	No	0	11
AOC 2	56-23-5	Carbon tetrachloride	mg/kg	0.251246068	0.017	No	0.0048	No	0	11
AOC 2	108-90-7	Chlorobenzene	mg/kg	15.08578627	0.017	No	0.0048	No	0	11
AOC 2	75-00-3	Chloroethane	mg/kg	3.025815812	0.017	No	0.0049	No	0	11
AOC 2	75-00-3	Chloroethane	mg/kg	3.025815812	0.017	No	0.0049	No	0	11
AOC 2	67-66-3	Chloroform	mg/kg	0.220791771	0.017	No	0.0048	No	0	11
AOC 2	74-87-3	Chloromethane	mg/kg	4.685346206	0.017	No	0.0048	No	0	11
AOC 2	156-59-2	cis-1,2-Dichloroethene	mg/kg	4.294190036	0.017	No	0.0048	No	0	11
AOC 2	10061-01-5	cis-1,3-Dichloropropene	mg/kg	0.776532354	0.017	No	0.0048	No	0	11
AOC 2	124-48-1	Dibromochloromethane	mg/kg	1.108864857	0.017	No	0.0048	No	0	11
AOC 2	75-71-8	Dichlorodifluoromethane	mg/kg	9.387910292	0.017	No	0.0048	No	0	11
AOC 2	84-66-2	Diethylphthalate	mg/kg	4868.247761	0.43	No	0.37	No	0	11
AOC 2	131-11-3	Dimethylphthalate	mg/kg	61000	0.43	No	0.37	No	0	11
AOC 2	84-74-2	Di-n-butylphthalate	mg/kg	611.0309701	0.43	No	0.37	No	0	11
AOC 2	117-84-0	Di-n-octylphthalate	mg/kg	244.412388	0.43	No	0.37	No	0	11
AOC 2	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	0.43	Yes	0.37	Yes	11	11
AOC 2	87-68-3	Hexachlorobutadiene	mg/kg	1.8	0.43	No	0.37	No	0	11
AOC 2	77-47-4	Hexachlorocyclopentadiene	mg/kg	36.54874986	0.43	No	0.37	No	0	11
AOC 2	67-72-1	Hexachloroethane	mg/kg	34.74146517	0.43	No	0.37	No	0	11
AOC 2	78-59-1	Isophorone	mg/kg	511.9794868	0.43	No	0.37	No	0	11
AOC 2	98-82-8	Isopropylbenzene	mg/kg	15.70273706	0.017	No	0.0048	No	0	11
AOC 2	79-20-9	Methyl acetate	mg/kg	2208.674401	0.033	No	0.0097	No	0	11
AOC 2	1634-04-4	Methyl-tert-butyl-ether	mg/kg	16.70074836	0.017	No	0.0048	No	0	11
AOC 2	98-95-3	Nitrobenzene	mg/kg	1.964120482	0.43	No	0.37	No	0	11
AOC 2	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.08948283	0.43	Yes	0.37	Yes	11	11
AOC 2	86-30-6	N-Nitrosodiphenylamine	mg/kg	99.26132907	0.43	No	0.37	No	0	11
AOC 2	95-48-7	o-Cresol (2-Methylphenol)	mg/kg	305.515485	0.43	No	0.37	No	0	11
AOC 2	87-86-5	Pentachlorophenol	mg/kg	2.978965095	0.88	No	0.75	No	0	11
AOC 2	108-95-2	Phenol	mg/kg	1833.09291	0.43	No	0.37	No	0	11
AOC 2	100-42-5	Styrene	mg/kg	440	0.017	No	0.0048	No	0	11
AOC 2	127-18-4	Tetrachloroethene	mg/kg	0.483591399	0.017	No	0.0048	No	0	11
AOC 2	156-60-5	trans-1,2-Dichloroethene	mg/kg	6.948962718	0.017	No	0.0048	No	0	11
AOC 2	10061-02-6	trans-1,3-Dichloropropene	mg/kg	0.776532354	0.017	No	0.0048	No	0	11
AOC 2	79-01-6	Trichloroethene	mg/kg	0.052983337	0.017	No	0.0048	No	0	11
AOC 2	75-69-4	Trichlorofluoromethane	mg/kg	38.58178986	0.017	No	0.0048	No	0	11
AOC 2	26523-64-8	TRICHLOROTRIFLUOROETHANE	mg/kg		0.017	NA	0.0049	NA		8
AOC 2	75-01-4	Vinyl chloride	mg/kg	0.079067784	0.017	No	0.0048	No	0	11
Block A	71-55-6	1,1,1-Trichloroethane	mg/kg	200	12	No	0.0045	No	0	21
Block A	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.407618604	12	Yes	0.0045	No	1	21
Block A	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	2100	12	No	0.0045	No	0	21
Block A	79-00-5	1,1,2-Trichloroethane	mg/kg	0.728625386	12	Yes	0.0045	No	1	21
Block A	92-52-4	1,1-Biphenyl	mg/kg	301.444942	1.9	No	0.37	No	0	17
Block A	75-34-3	1,1-Dichloroethane	mg/kg	50.63968328	12	No	0.0045	No	0	21
Block A	75-35-4	1,1-Dichloroethene	mg/kg	12.3530677	12	No	0.0045	No	0	21
Block A	120-82-1	1,2,4-Trichlorobenzene	mg/kg	6.215976296	12	Yes	0.0045	No	1	21
Block A	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	0.46	12	Yes	0.0045	No	1	21
Block A	106-93-4	1,2-Dibromoethane	mg/kg	0.032	12	Yes	0.0045	No	1	21
Block A	95-50-1	1,2-Dichlorobenzene	mg/kg	110	12	No	0.0045	No	0	21
Block A	78-87-5	1,2-Dichloropropane	mg/kg	0.342162762	12	Yes	0.0045	No	1	21
Block A	541-73-1	1,3-Dichlorobenzene	mg/kg	53.13493772	12	No	0.0045	No	0	21
Block A	106-46-7	1,4-Dichlorobenzene	mg/kg	3.446542497	12	Yes	0.0045	No	1	21
Block A	108-60-1	2,2'-Oxybis(1-Chloropropane)	mg/kg	2.884215512	1.9	No	0.37	No	0	17

Table H-1A
Detection Limit Evaluation - Chemicals Never Detected in Surface Soil

Area	CAS No.	Chemical	Units	PRG Resid. Soil (a)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Number of DLs Exceeding PRG	Sample Count
Block A	95-95-4	2,4,5-Trichlorophenol	mg/kg	611.0309701	1.9	No	0.37	No	0	17
Block A	88-06-2	2,4,6-Trichlorophenol	mg/kg	6.110309701	1.9	No	0.37	No	0	17
Block A	120-83-2	2,4-Dichlorophenol	mg/kg	18.3309291	1.9	No	0.37	No	0	17
Block A	105-67-9	2,4-Dimethylphenol	mg/kg	122.206194	1.9	No	0.37	No	0	17
Block A	51-28-5	2,4-Dinitrophenol	mg/kg	12.2206194	9.6	No	1.9	No	0	17
Block A	121-14-2	2,4-Dinitrotoluene	mg/kg	12.2206194	1.9	No	0.37	No	0	17
Block A	606-20-2	2,6-Dinitrotoluene	mg/kg	6.110309701	1.9	No	0.37	No	0	17
Block A	91-58-7	2-Chloronaphthalene	mg/kg	493.6640536	1.9	No	0.37	No	0	17
Block A	95-57-8	2-Chlorophenol	mg/kg	6.339845745	1.9	No	0.37	No	0	17
Block A	591-78-6	2-Hexanone	mg/kg	528.0885751	23	No	0.0089	No	0	21
Block A	88-74-4	2-Nitroaniline	mg/kg	18.27722139	9.6	No	1.9	No	0	17
Block A	88-75-5	2-Nitrophenol	mg/kg	6.339845745	1.9	No	0.37	No	0	17
Block A	91-94-1	3,3'-Dichlorobenzidine	mg/kg	1.080845583	1.9	Yes	0.37	No	1	17
Block A	99-09-2	3-Nitroaniline	mg/kg	1.83309291	9.6	Yes	1.9	Yes	17	17
Block A	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	9.6	Yes	1.9	Yes	16	17
Block A	101-55-3	4-Bromophenylphenyl ether	mg/kg		1.9	NA	0.37	NA		17
Block A	59-50-7	4-Chloro-3-methylphenol	mg/kg		1.9	NA	0.37	NA		17
Block A	106-47-8	4-Chloroaniline	mg/kg	24.4412388	1.9	No	0.37	No	0	17
Block A	7005-72-3	4-Chlorophenylphenyl ether	mg/kg		1.9	NA	0.37	NA		17
Block A	100-01-6	4-Nitroaniline	mg/kg	23.16097676	9.6	No	1.9	No	0	17
Block A	100-02-7	4-Nitrophenol	mg/kg	6.339845745	9.6	Yes	1.9	No	1	17
Block A	83-32-9	Acenaphthene	mg/kg	368.1705748	1.9	No	0.37	No	0	17
Block A	98-86-2	Acetophenone	mg/kg	780	1.9	No	0.37	No	0	17
Block A	7440-36-0	Antimony	mg/kg	3.128571233	7.3	Yes	6.5	Yes	15	17
Block A	12674-11-2	Aroclor 1016	mg/kg	0.39330823	0.041	No	0.037	No	0	17
Block A	11104-28-2	Aroclor 1221	mg/kg	0.11	0.084	No	0.074	No	0	17
Block A	11141-16-5	Aroclor 1232	mg/kg	0.11	0.041	No	0.037	No	0	17
Block A	53469-21-9	Aroclor 1242	mg/kg	0.11	0.041	No	0.037	No	0	17
Block A	11097-69-1	Aroclor 1254	mg/kg	0.11	0.041	No	0.037	No	0	17
Block A	1912-24-9	Atrazine	mg/kg	2.190904294	1.9	No	0.37	No	0	17
Block A	100-52-7	Benzaldehyde	mg/kg	611.0309701	9.6	No	0.37	No	0	17
Block A	111-91-1	Bis(2-Chloroethoxy)methane	mg/kg		1.9	NA	0.37	NA		17
Block A	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	1.9	Yes	0.37	Yes	17	17
Block A	75-27-4	Bromodichloromethane	mg/kg	0.824275042	12	Yes	0.0045	No	1	21
Block A	75-25-2	Bromoform	mg/kg	81.56888849	12	No	0.0045	No	0	21
Block A	74-83-9	Bromomethane	mg/kg	0.389856117	12	Yes	0.0045	No	1	21
Block A	85-68-7	Butylbenzylphthalate	mg/kg	1222.06194	1.9	No	0.37	No	0	17
Block A	105-60-2	Caprolactam	mg/kg	3055.15485	9.6	No	0.37	No	0	17
Block A	56-23-5	Carbon tetrachloride	mg/kg	0.251246068	12	Yes	0.0045	No	1	21
Block A	108-90-7	Chlorobenzene	mg/kg	15.06578627	12	No	0.0045	No	0	21
Block A	75-00-3	Chloroethane	mg/kg	3.025815812	23	Yes	0.0089	No	2	21
Block A	75-00-3	Chloroethane	mg/kg	3.025815812	23	Yes	0.0089	No	2	21
Block A	67-66-3	Chloroform	mg/kg	0.220791771	12	Yes	0.0045	No	1	21
Block A	10061-01-5	cis-1,3-Dichloropropene	mg/kg	0.776532354	12	Yes	0.0045	No	1	21
Block A	124-48-1	Dibromochloromethane	mg/kg	1.108864857	12	Yes	0.0045	No	1	21
Block A	84-66-2	Diethylphthalate	mg/kg	4888.247761	1.9	No	0.37	No	0	17
Block A	131-11-3	Dimethylphthalate	mg/kg	61000	1.9	No	0.37	No	0	17
Block A	84-74-2	Di-n-butylphthalate	mg/kg	611.0309701	1.9	No	0.37	No	0	17
Block A	117-84-0	Di-n-octylphthalate	mg/kg	244.412388	1.9	No	0.37	No	0	17
Block A	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	1.9	Yes	0.37	Yes	17	17
Block A	87-68-3	Hexachlorobutadiene	mg/kg	1.8	1.9	Yes	0.37	No	1	17
Block A	77-47-4	Hexachlorocyclopentadiene	mg/kg	36.54874986	1.9	No	0.37	No	0	17

Table H-1A
Detection Limit Evaluation - Chemicals Never Detected in Surface Soil

Area	CAS No.	Chemical	Units	PRG Resid. Soil (a)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Number of DLs Exceeding PRG	Sample Count
Block A	67-72-1	Hexachloroethane	mg/kg	34.74146517	1.9	No	0.37	No	0	17
Block A	78-59-1	Isophorone	mg/kg	511.9794868	1.9	No	0.37	No	0	17
Block A	79-20-9	Methyl acetate	mg/kg	2208.674401	23	No	0.0089	No	0	21
Block A	1634-04-4	Methyl-tert-butyl-ether	mg/kg	18.70074836	12	No	0.0045	No	0	21
Block A	98-95-3	Nitrobenzene	mg/kg	1.984120482	1.9	No	0.37	No	0	17
Block A	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.06948293	1.9	Yes	0.37	Yes	17	17
Block A	86-30-6	N-Nitrosodiphenylamine	mg/kg	99.26132907	1.9	No	0.37	No	0	17
Block A	95-48-7	o-Cresol (2-Methylphenol)	mg/kg	305.515485	1.9	No	0.37	No	0	17
Block A	106-44-5	p-Cresol (4-Methylphenol)	mg/kg	30.5515485	1.9	No	0.37	No	0	17
Block A	87-86-5	Pentachlorophenol	mg/kg	2.978985095	9.6	Yes	1.9	No	2	17
Block A	108-95-2	Phenol	mg/kg	1833.09291	1.9	No	0.37	No	0	17
Block A	7440-22-4	Silver	mg/kg	39.10711227	1.2	No	1.1	No	0	17
Block A	127-18-4	Tetrachloroethene	mg/kg	0.483591399	12	Yes	0.0045	No	1	21
Block A	7440-28-0	Thallium	mg/kg	0.51621428	56.1	Yes	3.7	Yes	17	17
Block A	10061-02-6	trans-1,3-Dichloropropene	mg/kg	0.776532354	12	Yes	0.0045	No	1	21
Block A	75-01-4	Vinyl chloride	mg/kg	0.079067784	12	Yes	0.0045	No	1	21
Southern Parcel (b)	71-55-6	1,1,1-Trichloroethane	mg/kg	200	0.61	No	0.0039	No	0	117
Southern Parcel (b)	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.407618604	0.61	Yes	0.0039	No	1	117
Southern Parcel (b)	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	2100	0.61	No	0.0039	No	0	117
Southern Parcel (b)	79-00-5	1,1,2-Trichloroethane	mg/kg	0.728625386	0.61	No	0.0039	No	0	117
Southern Parcel (b)	75-34-3	1,1-Dichloroethane	mg/kg	50.63968328	0.61	No	0.0039	No	0	117
Southern Parcel (b)	75-35-4	1,1-Dichloroethene	mg/kg	12.3530677	0.61	No	0.0039	No	0	117
Southern Parcel (b)	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	0.46	0.61	Yes	0.0039	No	1	117
Southern Parcel (b)	106-93-4	1,2-Dibromoethane	mg/kg	0.032	0.61	Yes	0.0039	No	1	117
Southern Parcel (b)	107-06-2	1,2-Dichloroethane	mg/kg	0.277731051	0.61	Yes	0.0039	No	1	117
Southern Parcel (b)	78-87-5	1,2-Dichloropropane	mg/kg	0.342162762	0.61	Yes	0.0039	No	1	117
Southern Parcel (b)	106-46-7	1,4-Dichlorobenzene	mg/kg	3.446542497	0.61	No	0.0039	No	0	117
Southern Parcel (b)	108-60-1	2,2'-Oxybis(1-Chloropropane)	mg/kg	2.884215512	39	Yes	0.36	No	5	113
Southern Parcel (b)	95-95-4	2,4,5-Trichlorophenol	mg/kg	611.0309701	39	No	0.36	No	0	113
Southern Parcel (b)	88-06-2	2,4,6-Trichlorophenol	mg/kg	6.110309701	39	Yes	0.36	No	3	113
Southern Parcel (b)	120-83-2	2,4-Dichlorophenol	mg/kg	18.3309291	39	Yes	0.36	No	1	113
Southern Parcel (b)	105-67-9	2,4-Dimethylphenol	mg/kg	122.206194	39	No	0.36	No	0	113
Southern Parcel (b)	51-28-5	2,4-Dinitrophenol	mg/kg	12.2206194	200	Yes	1.8	No	6	113
Southern Parcel (b)	121-14-2	2,4-Dinitrotoluene	mg/kg	12.2206194	39	Yes	0.36	No	1	113
Southern Parcel (b)	606-20-2	2,6-Dinitrotoluene	mg/kg	6.110309701	39	Yes	0.36	No	3	113
Southern Parcel (b)	91-58-7	2-Chloronaphthalene	mg/kg	493.6640536	39	No	0.36	No	0	113
Southern Parcel (b)	95-57-8	2-Chlorophenol	mg/kg	6.339845745	39	Yes	0.36	No	3	113
Southern Parcel (b)	88-74-4	2-Nitroaniline	mg/kg	18.27722139	200	Yes	1.8	No	3	113
Southern Parcel (b)	88-75-5	2-Nitrophenol	mg/kg	6.339845745	39	Yes	0.36	No	3	113
Southern Parcel (b)	91-94-1	3,3'-Dichlorobenzidine	mg/kg	1.080845583	39	Yes	0.36	No	39	113
Southern Parcel (b)	99-09-2	3-Nitroaniline	mg/kg	1.83309291	200	Yes	1.8	No	111	113
Southern Parcel (b)	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	200	Yes	1.8	Yes	112	113
Southern Parcel (b)	101-55-3	4-Bromophenylphenyl ether	mg/kg		39	NA	0.36	NA		113
Southern Parcel (b)	59-50-7	4-Chloro-3-methylphenol	mg/kg		39	NA	0.36	NA		113
Southern Parcel (b)	106-47-8	4-Chloroaniline	mg/kg	24.4412388	39	Yes	0.36	No	1	113
Southern Parcel (b)	7005-72-3	4-Chlorophenylphenyl ether	mg/kg		39	NA	0.36	NA		113
Southern Parcel (b)	100-01-6	4-Nitroaniline	mg/kg	23.16097678	200	Yes	1.8	No	3	113
Southern Parcel (b)	100-02-7	4-Nitrophenol	mg/kg	6.339845745	200	Yes	1.8	No	27	113
Southern Parcel (b)	98-86-2	Acetophenone	mg/kg	780	39	No	0.36	No	0	113
Southern Parcel (b)	12674-11-2	Aroclor 1016	mg/kg	0.39330823	0.41	Yes	0.036	No	3	113
Southern Parcel (b)	11104-28-2	Aroclor 1221	mg/kg	0.11	0.83	Yes	0.072	No	16	113
Southern Parcel (b)	11141-16-5	Aroclor 1232	mg/kg	0.11	0.41	Yes	0.036	No	15	113

Table H-1A
Detection Limit Evaluation - Chemicals Never Detected in Surface Soil

Area	CAS No.	Chemical	Units	PRG Resid. Soil (a)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Number of DLs Exceeding PRG	Sample Count
Southern Parcel (b)	53469-21-9	Aroclor 1242	mg/kg	0.11	0.41	Yes	0.036	No	15	113
Southern Parcel (b)	1912-24-9	Atrazine	mg/kg	2.190904294	39	Yes	0.36	No	6	113
Southern Parcel (b)	100-52-7	Benzaldehyde	mg/kg	611.0309701	200	No	0.36	No	0	113
Southern Parcel (b)	111-91-1	Bis(2-Chloroethoxy)methane	mg/kg		39	NA	0.36	NA		113
Southern Parcel (b)	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	39	Yes	0.36	Yes	113	113
Southern Parcel (b)	75-27-4	Bromodichloromethane	mg/kg	0.824275042	0.61	No	0.0039	No	0	117
Southern Parcel (b)	75-25-2	Bromoform	mg/kg	61.58888849	0.61	No	0.0039	No	0	117
Southern Parcel (b)	74-83-9	Bromomethane	mg/kg	0.389856117	0.61	Yes	0.0039	No	1	117
Southern Parcel (b)	105-60-2	Caprolactam	mg/kg	3055.15485	39	No	0.36	No	0	113
Southern Parcel (b)	56-23-5	Carbon tetrachloride	mg/kg	0.251246068	0.61	Yes	0.0039	No	1	117
Southern Parcel (b)	75-00-3	Chloroethane	mg/kg	3.025815812	1.2	No	0.0078	No	0	117
Southern Parcel (b)	75-00-3	Chloroethane	mg/kg	3.025815812	1.2	No	0.0078	No	0	117
Southern Parcel (b)	10061-01-5	cis-1,3-Dichloropropene	mg/kg	0.776532354	0.61	No	0.0039	No	0	117
Southern Parcel (b)	124-48-1	Dibromochloromethane	mg/kg	1.108864857	0.61	No	0.0039	No	0	117
Southern Parcel (b)	84-66-2	Diethylphthalate	mg/kg	4888.247761	39	No	0.36	No	0	113
Southern Parcel (b)	131-11-3	Dimethylphthalate	mg/kg	61000	39	No	0.36	No	0	113
Southern Parcel (b)	84-74-2	Di-n-butylphthalate	mg/kg	611.0309701	39	No	0.36	No	0	113
Southern Parcel (b)	117-84-0	Di-n-octylphthalate	mg/kg	244.412388	39	No	0.36	No	0	113
Southern Parcel (b)	118-74-1	Hexachlorobenzene	mg/kg	0.303967716	39	Yes	0.36	Yes	113	113
Southern Parcel (b)	87-68-3	Hexachlorobutadiene	mg/kg	1.8	39	Yes	0.36	No	25	113
Southern Parcel (b)	77-47-4	Hexachlorocyclopentadiene	mg/kg	36.54874986	39	Yes	0.36	No	1	113
Southern Parcel (b)	67-72-1	Hexachloroethane	mg/kg	34.74146517	39	Yes	0.36	No	1	113
Southern Parcel (b)	78-59-1	Isophorone	mg/kg	511.9794868	39	No	0.36	No	0	113
Southern Parcel (b)	1634-04-4	Methyl-tert-butyl-ether	mg/kg	16.70074836	0.61	No	0.0039	No	0	117
Southern Parcel (b)	98-95-3	Nitrobenzene	mg/kg	1.964120482	39	Yes	0.36	No	17	113
Southern Parcel (b)	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.06948293	39	Yes	0.36	Yes	113	113
Southern Parcel (b)	86-30-6	N-Nitrosodiphenylamine	mg/kg	99.28132907	39	No	0.36	No	0	113
Southern Parcel (b)	95-48-7	o-Cresol (2-Methylphenol)	mg/kg	305.515485	39	No	0.36	No	0	113
Southern Parcel (b)	106-44-5	p-Cresol (4-Methylphenol)	mg/kg	30.5515485	39	Yes	0.36	No	1	113
Southern Parcel (b)	87-86-5	Pentachlorophenol	mg/kg	2.978965095	200	Yes	1.8	No	45	113
Southern Parcel (b)	100-42-5	Styrene	mg/kg	440	0.61	No	0.0039	No	0	117
Southern Parcel (b)	7440-28-0	Thallium	mg/kg	0.51621428	110	Yes	1.1	Yes	116	116
Southern Parcel (b)	156-60-5	trans-1,2-Dichloroethene	mg/kg	6.948962718	0.61	No	0.0039	No	0	117
Southern Parcel (b)	10061-02-6	trans-1,3-Dichloropropene	mg/kg	0.776532354	0.61	No	0.0039	No	0	117
Southern Parcel (b)	75-01-4	Vinyl chloride	mg/kg	0.079067784	0.61	Yes	0.0039	No	1	117

Notes:
DL - Detection Limit.
(a) - EPA Region 9 PRG for residential soil. PRGs for noncarcinogens are divided by 10 (HQ = 0.1).
(b) - All of Southern Parcel except AOC 13.

Table H-1B
Detection Limit Evaluation - Chemicals Never Detected in Surface Soil - Maximum DL Exceeds

Area	CAS No.	Chemical	Units	PRG Resid. Soil (a)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Number of DLs Exceeding PRG	Sample Count
AOC 1	108-60-1	2,2'-Oxybis(1-Chloropropane)	mg/kg	2.884215512	22	Yes	0.36	No	1	19
AOC 1	88-06-2	2,4,6-Trichlorophenol	mg/kg	6.110309701	22	Yes	0.36	No	1	19
AOC 1	120-83-2	2,4-Dichlorophenol	mg/kg	18.3309291	22	Yes	0.36	No	1	19
AOC 1	51-28-5	2,4-Dinitrophenol	mg/kg	12.2206194	110	Yes	1.9	No	1	19
AOC 1	121-14-2	2,4-Dinitrotoluene	mg/kg	12.2206194	22	Yes	0.36	No	1	19
AOC 1	606-20-2	2,6-Dinitrotoluene	mg/kg	6.110309701	22	Yes	0.36	No	1	19
AOC 1	95-57-8	2-Chlorophenol	mg/kg	6.339845745	22	Yes	0.36	No	1	19
AOC 1	88-74-4	2-Nitroaniline	mg/kg	18.27722139	110	Yes	1.9	No	1	19
AOC 1	88-75-5	2-Nitrophenol	mg/kg	6.339845745	22	Yes	0.36	No	1	19
AOC 1	91-94-1	3,3'-Dichlorobenzidine	mg/kg	1.080845583	22	Yes	0.36	No	3	19
AOC 1	99-09-2	3-Nitroaniline	mg/kg	1.83309291	110	Yes	1.9	Yes	19	19
AOC 1	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	110	Yes	1.9	Yes	19	19
AOC 1	100-01-6	4-Nitroaniline	mg/kg	23.16097678	110	Yes	1.9	No	1	19
AOC 1	100-02-7	4-Nitrophenol	mg/kg	6.339845745	110	Yes	1.9	No	1	19
AOC 1	7440-36-0	Antimony	mg/kg	3.128571233	7.5	Yes	6.2	Yes	19	19
AOC 1	12674-11-2	Aroclor 1016	mg/kg	0.39330823	22	Yes	0.036	No	1	19
AOC 1	11104-28-2	Aroclor 1221	mg/kg	0.11	44	Yes	0.073	No	5	19
AOC 1	11141-16-5	Aroclor 1232	mg/kg	0.11	22	Yes	0.036	No	4	19
AOC 1	53469-21-9	Aroclor 1242	mg/kg	0.11	22	Yes	0.036	No	4	19
AOC 1	1912-24-9	Atrazine	mg/kg	2.190904294	22	Yes	0.36	No	1	19
AOC 1	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	22	Yes	0.36	Yes	19	19
AOC 1	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	22	Yes	0.36	Yes	19	19
AOC 1	87-68-3	Hexachlorobutadiene	mg/kg	1.8	22	Yes	0.36	No	1	19
AOC 1	98-95-3	Nitrobenzene	mg/kg	1.964120482	22	Yes	0.36	No	1	19
AOC 1	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.06948293	22	Yes	0.36	Yes	19	19
AOC 1	87-86-5	Pentachlorophenol	mg/kg	2.978985095	110	Yes	1.9	No	3	19
AOC 1	7440-28-0	Thallium	mg/kg	0.51621428	58.6	Yes	1.1	Yes	19	19
AOC 13	108-60-1	2,2'-Oxybis(1-Chloropropane)	mg/kg	2.884215512	18	Yes	0.37	No	3	24
AOC 13	88-06-2	2,4,6-Trichlorophenol	mg/kg	6.110309701	18	Yes	0.37	No	1	24
AOC 13	51-28-5	2,4-Dinitrophenol	mg/kg	12.2206194	93	Yes	1.9	No	3	24
AOC 13	121-14-2	2,4-Dinitrotoluene	mg/kg	12.2206194	18	Yes	0.37	No	1	24
AOC 13	606-20-2	2,6-Dinitrotoluene	mg/kg	6.110309701	18	Yes	0.37	No	1	24
AOC 13	95-57-8	2-Chlorophenol	mg/kg	6.339845745	18	Yes	0.37	No	1	24
AOC 13	88-74-4	2-Nitroaniline	mg/kg	18.27722139	93	Yes	1.9	No	3	24
AOC 13	88-75-5	2-Nitrophenol	mg/kg	6.339845745	18	Yes	0.37	No	1	24
AOC 13	91-94-1	3,3'-Dichlorobenzidine	mg/kg	1.080845583	18	Yes	0.37	No	9	24
AOC 13	99-09-2	3-Nitroaniline	mg/kg	1.83309291	93	Yes	1.9	Yes	24	24
AOC 13	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	93	Yes	1.9	Yes	24	24
AOC 13	100-01-6	4-Nitroaniline	mg/kg	23.16097678	93	Yes	1.9	No	1	24
AOC 13	100-02-7	4-Nitrophenol	mg/kg	6.339845745	93	Yes	1.9	No	8	24
AOC 13	7440-36-0	Antimony	mg/kg	3.128571233	7.4	Yes	3.5	Yes	23	24
AOC 13	12674-11-2	Aroclor 1016	mg/kg	0.39330823	2	Yes	0.036	No	1	24
AOC 13	11104-28-2	Aroclor 1221	mg/kg	0.11	4.1	Yes	0.073	No	5	24
AOC 13	11141-16-5	Aroclor 1232	mg/kg	0.11	2	Yes	0.036	No	5	24
AOC 13	53469-21-9	Aroclor 1242	mg/kg	0.11	2	Yes	0.036	No	5	24
AOC 13	1912-24-9	Atrazine	mg/kg	2.190904294	18	Yes	0.37	No	4	24
AOC 13	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	18	Yes	0.37	Yes	24	24
AOC 13	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	18	Yes	0.37	Yes	24	24
AOC 13	87-68-3	Hexachlorobutadiene	mg/kg	1.8	18	Yes	0.37	No	6	24
AOC 13	98-95-3	Nitrobenzene	mg/kg	1.964120482	18	Yes	0.37	No	5	24
AOC 13	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.06948293	18	Yes	0.37	Yes	24	24
AOC 13	87-86-5	Pentachlorophenol	mg/kg	2.978985095	93	Yes	1.9	No	9	24

Table H-1B
Detection Limit Evaluation - Chemicals Never Detected in Surface Soil - Maximum DL Exceeds

Area	CAS No.	Chemical	Units	PRG Resid. Soil (a)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Number of DLs Exceeding PRG	Sample Count
AOC 13	7440-28-0	Thallium	mg/kg	0.51621428	28.2	Yes	1.1	Yes	24	24
AOC 18 and AOC 21	99-09-2	3-Nitroaniline	mg/kg	1.83309291	2.1	Yes	0.38	No	5	14
AOC 18 and AOC 21	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	2.1	Yes	0.77	Yes	14	14
AOC 18 and AOC 21	11104-28-2	Aroclor 1221	mg/kg	0.11	0.38	Yes	0.038	No	1	20
AOC 18 and AOC 21	11141-16-5	Aroclor 1232	mg/kg	0.11	0.19	Yes	0.036	No	1	20
AOC 18 and AOC 21	53469-21-9	Aroclor 1242	mg/kg	0.11	0.19	Yes	0.036	No	1	20
AOC 18 and AOC 21	11096-82-5	Aroclor 1260	mg/kg	0.11	0.19	Yes	0.036	No	1	20
AOC 18 and AOC 21	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	0.42	Yes	0.36	Yes	14	14
AOC 18 and AOC 21	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	0.42	Yes	0.36	Yes	14	14
AOC 18 and AOC 21	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.06948293	0.42	Yes	0.36	Yes	14	14
AOC 19	7440-36-0	Antimony	mg/kg	3.128571233	7.6	Yes	6.5	Yes	15	15
AOC 19	7440-28-0	Thallium	mg/kg	0.51621428	1.3	Yes	1.1	Yes	15	15
AOC 2	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	0.88	Yes	0.75	Yes	11	11
AOC 2	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	0.43	Yes	0.37	Yes	11	11
AOC 2	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	0.43	Yes	0.37	Yes	11	11
AOC 2	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.06948293	0.43	Yes	0.37	Yes	11	11
Block A	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.407618604	12	Yes	0.0045	No	1	21
Block A	79-00-5	1,1,2-Trichloroethane	mg/kg	0.728625386	12	Yes	0.0045	No	1	21
Block A	120-82-1	1,2,4-Trichlorobenzene	mg/kg	6.215976296	12	Yes	0.0045	No	1	21
Block A	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	0.46	12	Yes	0.0045	No	1	21
Block A	106-93-4	1,2-Dibromoethane	mg/kg	0.032	12	Yes	0.0045	No	1	21
Block A	78-87-5	1,2-Dichloropropane	mg/kg	0.342162762	12	Yes	0.0045	No	1	21
Block A	106-46-7	1,4-Dichlorobenzene	mg/kg	3.448542497	12	Yes	0.0045	No	1	21
Block A	91-94-1	3,3'-Dichlorobenzidine	mg/kg	1.080845583	1.9	Yes	0.37	No	1	17
Block A	99-09-2	3-Nitroaniline	mg/kg	1.83309291	9.6	Yes	1.9	Yes	17	17
Block A	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	9.6	Yes	1.9	Yes	16	17
Block A	100-02-7	4-Nitrophenol	mg/kg	6.339845745	9.6	Yes	1.9	No	1	17
Block A	7440-36-0	Antimony	mg/kg	3.128571233	7.3	Yes	6.5	Yes	15	17
Block A	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	1.9	Yes	0.37	Yes	17	17
Block A	75-27-4	Bromodichloromethane	mg/kg	0.824275042	12	Yes	0.0045	No	1	21
Block A	74-83-9	Bromomethane	mg/kg	0.389656117	12	Yes	0.0045	No	1	21
Block A	56-23-5	Carbon tetrachloride	mg/kg	0.251246068	12	Yes	0.0045	No	1	21
Block A	75-00-3	Chloroethane	mg/kg	3.025815812	23	Yes	0.0089	No	2	21
Block A	75-00-3	Chloroethane	mg/kg	3.025815812	23	Yes	0.0089	No	2	21
Block A	67-66-3	Chloroform	mg/kg	0.220791771	12	Yes	0.0045	No	1	21
Block A	10061-01-5	cis-1,3-Dichloropropene	mg/kg	0.776532354	12	Yes	0.0045	No	1	21
Block A	124-48-1	Dibromochloromethane	mg/kg	1.108864857	12	Yes	0.0045	No	1	21
Block A	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	1.9	Yes	0.37	Yes	17	17
Block A	87-68-3	Hexachlorobutadiene	mg/kg	1.8	1.9	Yes	0.37	No	1	17
Block A	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.06948293	1.9	Yes	0.37	Yes	17	17
Block A	87-86-5	Pentachlorophenol	mg/kg	2.978985095	9.6	Yes	1.9	No	2	17
Block A	127-18-4	Tetrachloroethene	mg/kg	0.483591399	12	Yes	0.0045	No	1	21
Block A	7440-28-0	Thallium	mg/kg	0.51621428	56.1	Yes	3.7	Yes	17	17
Block A	10061-02-6	trans-1,3-Dichloropropene	mg/kg	0.776532354	12	Yes	0.0045	No	1	21
Block A	75-01-4	Vinyl chloride	mg/kg	0.079067784	12	Yes	0.0045	No	1	21
Southern Parcel (b)	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.407618604	0.61	Yes	0.0039	No	1	117
Southern Parcel (b)	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	0.46	0.61	Yes	0.0039	No	1	117
Southern Parcel (b)	106-93-4	1,2-Dibromoethane	mg/kg	0.032	0.61	Yes	0.0039	No	1	117
Southern Parcel (b)	107-06-2	1,2-Dichloroethane	mg/kg	0.277731051	0.61	Yes	0.0039	No	1	117
Southern Parcel (b)	78-87-5	1,2-Dichloropropane	mg/kg	0.342162762	0.61	Yes	0.0039	No	1	117
Southern Parcel (b)	108-60-1	2,2'-Oxybis(1-Chloropropane)	mg/kg	2.884215512	39	Yes	0.36	No	5	113
Southern Parcel (b)	88-06-2	2,4,6-Trichlorophenol	mg/kg	6.110309701	39	Yes	0.36	No	3	113

Table H-1B
Detection Limit Evaluation - Chemicals Never Detected in Surface Soil - Maximum DL Exceeds

Area	CAS No.	Chemical	Units	PRG Resid. Soil (a)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Number of DLs Exceeding PRG	Sample Count
Southern Parcel (b)	120-83-2	2,4-Dichlorophenol	mg/kg	18.3309291	39	Yes	0.36	No	1	113
Southern Parcel (b)	51-28-5	2,4-Dinitrophenol	mg/kg	12.2206194	200	Yes	1.8	No	6	113
Southern Parcel (b)	121-14-2	2,4-Dinitrotoluene	mg/kg	12.2206194	39	Yes	0.36	No	1	113
Southern Parcel (b)	606-20-2	2,6-Dinitrotoluene	mg/kg	6.110309701	39	Yes	0.36	No	3	113
Southern Parcel (b)	95-57-8	2-Chlorophenol	mg/kg	6.339845745	39	Yes	0.36	No	3	113
Southern Parcel (b)	88-74-4	2-Nitroaniline	mg/kg	18.27722139	200	Yes	1.8	No	3	113
Southern Parcel (b)	88-75-5	2-Nitrophenol	mg/kg	6.339845745	39	Yes	0.36	No	3	113
Southern Parcel (b)	91-94-1	3,3'-Dichlorobenzidine	mg/kg	1.060845583	39	Yes	0.36	No	39	113
Southern Parcel (b)	99-09-2	3-Nitroaniline	mg/kg	1.83309291	200	Yes	1.8	No	111	113
Southern Parcel (b)	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	200	Yes	1.8	Yes	112	113
Southern Parcel (b)	106-47-8	4-Chloroaniline	mg/kg	24.4412388	39	Yes	0.36	No	1	113
Southern Parcel (b)	100-01-6	4-Nitroaniline	mg/kg	23.16097678	200	Yes	1.8	No	3	113
Southern Parcel (b)	100-02-7	4-Nitrophenol	mg/kg	6.339845745	200	Yes	1.8	No	27	113
Southern Parcel (b)	12674-11-2	Aroclor 1016	mg/kg	0.39330823	0.41	Yes	0.036	No	3	113
Southern Parcel (b)	11104-28-2	Aroclor 1221	mg/kg	0.11	0.83	Yes	0.072	No	16	113
Southern Parcel (b)	11141-16-5	Aroclor 1232	mg/kg	0.11	0.41	Yes	0.036	No	15	113
Southern Parcel (b)	53469-21-9	Aroclor 1242	mg/kg	0.11	0.41	Yes	0.036	No	15	113
Southern Parcel (b)	1912-24-9	Atrazine	mg/kg	2.190904294	39	Yes	0.36	No	6	113
Southern Parcel (b)	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	39	Yes	0.36	Yes	113	113
Southern Parcel (b)	74-83-9	Bromomethane	mg/kg	0.389656117	0.61	Yes	0.0039	No	1	117
Southern Parcel (b)	56-23-5	Carbon tetrachloride	mg/kg	0.251246068	0.61	Yes	0.0039	No	1	117
Southern Parcel (b)	118-74-1	Hexachlorobenzene	mg/kg	0.303967716	39	Yes	0.36	Yes	113	113
Southern Parcel (b)	87-68-3	Hexachlorobutadiene	mg/kg	1.8	39	Yes	0.36	No	25	113
Southern Parcel (b)	77-47-4	Hexachlorocyclopentadiene	mg/kg	36.54874986	39	Yes	0.36	No	1	113
Southern Parcel (b)	67-72-1	Hexachloroethane	mg/kg	34.74146517	39	Yes	0.36	No	1	113
Southern Parcel (b)	98-95-3	Nitrobenzene	mg/kg	1.984120462	39	Yes	0.36	No	17	113
Southern Parcel (b)	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.06948293	39	Yes	0.36	Yes	113	113
Southern Parcel (b)	106-44-5	p-Cresol (4-Methylphenol)	mg/kg	30.5515485	39	Yes	0.36	No	1	113
Southern Parcel (b)	87-86-5	Pentachlorophenol	mg/kg	2.978985095	200	Yes	1.8	No	45	113
Southern Parcel (b)	7440-28-0	Thallium	mg/kg	0.51621428	110	Yes	1.1	Yes	116	116
Southern Parcel (b)	75-01-4	Vinyl chloride	mg/kg	0.079067784	0.61	Yes	0.0039	No	1	117

Notes:
DL - Detection Limit.
(a) - EPA Region 9 PRG for residential soil. PRGs for noncarcinogens are divided by 10 (HQ = 0.1).
(b) - All of Southern Parcel except AOC 13.

Table H-1C
Detection Limit Evaluation - Chemicals Never Detected in Surface Soil - Minimum DL Exceeds

Area	CAS No.	Chemical	Units	PRG Resid. Soil (a)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Ratio of Exceedance	Number of DLs Exceeding PRG	Sample Count
AOC 1	99-09-2	3-Nitroaniline	mg/kg	1.83309291	110	Yes	1.9	Yes	1.0	19	19
AOC 1	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	110	Yes	1.9	Yes	3.1	19	19
AOC 1	7440-36-0	Antimony	mg/kg	3.128571233	7.5	Yes	6.2	Yes	2.0	19	19
AOC 1	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	22	Yes	0.36	Yes	1.7	19	19
AOC 1	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	22	Yes	0.36	Yes	1.2	19	19
AOC 1	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.06948293	22	Yes	0.36	Yes	5.2	19	19
AOC 1	7440-28-0	Thallium	mg/kg	0.51621428	58.6	Yes	1.1	Yes	2.1	19	19
AOC 13	99-09-2	3-Nitroaniline	mg/kg	1.83309291	93	Yes	1.9	Yes	1.0	24	24
AOC 13	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	93	Yes	1.9	Yes	3.1	24	24
AOC 13	7440-36-0	Antimony	mg/kg	3.128571233	7.4	Yes	3.5	Yes	1.1	23	24
AOC 13	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	18	Yes	0.37	Yes	1.7	24	24
AOC 13	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	18	Yes	0.37	Yes	1.2	24	24
AOC 13	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.06948293	18	Yes	0.37	Yes	5.3	24	24
AOC 13	7440-28-0	Thallium	mg/kg	0.51621428	26.2	Yes	1.1	Yes	2.1	24	24
AOC 18 and AOC 21	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	2.1	Yes	0.77	Yes	1.3	14	14
AOC 18 and AOC 21	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	0.42	Yes	0.36	Yes	1.7	14	14
AOC 18 and AOC 21	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	0.42	Yes	0.36	Yes	1.2	14	14
AOC 18 and AOC 21	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.06948293	0.42	Yes	0.36	Yes	5.2	14	14
AOC 19	7440-36-0	Antimony	mg/kg	3.128571233	7.6	Yes	6.5	Yes	2.1	15	15
AOC 19	7440-28-0	Thallium	mg/kg	0.51621428	1.3	Yes	1.1	Yes	2.1	15	15
AOC 2	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	0.88	Yes	0.75	Yes	1.2	11	11
AOC 2	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	0.43	Yes	0.37	Yes	1.7	11	11
AOC 2	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	0.43	Yes	0.37	Yes	1.2	11	11
AOC 2	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.06948293	0.43	Yes	0.37	Yes	5.3	11	11
Block A	99-09-2	3-Nitroaniline	mg/kg	1.83309291	9.6	Yes	1.9	Yes	1.0	17	17
Block A	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	9.6	Yes	1.9	Yes	3.1	16	17
Block A	7440-36-0	Antimony	mg/kg	3.128571233	7.3	Yes	6.5	Yes	2.1	15	17
Block A	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	1.9	Yes	0.37	Yes	1.7	17	17
Block A	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	1.9	Yes	0.37	Yes	1.2	17	17
Block A	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.06948293	1.9	Yes	0.37	Yes	5.3	17	17
Block A	7440-28-0	Thallium	mg/kg	0.51621428	56.1	Yes	3.7	Yes	7.2	17	17
Southern Parcel (b)	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	200	Yes	1.8	Yes	2.9	112	113
Southern Parcel (b)	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	39	Yes	0.36	Yes	1.7	113	113
Southern Parcel (b)	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	39	Yes	0.36	Yes	1.2	113	113
Southern Parcel (b)	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.06948293	39	Yes	0.36	Yes	5.2	113	113
Southern Parcel (b)	7440-28-0	Thallium	mg/kg	0.51621428	110	Yes	1.1	Yes	2.1	116	116

Notes:
DL - Detection Limit.
(a) - EPA Region 9 PRG for residential soil. PRGs for noncarcinogens are divided by 10 (HQ = 0.1).
(b) - All of Southern Parcel except AOC 13.

Table H-1D
Detection Limit Evaluation - Chemicals Never Detected in Surface Soil - Constituents Lacking Screening Levels

Area	CAS No.	Chemical	Units	PRG Resid. Soil (a)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Number of DLs Exceeding PRG	Sample Count
AOC 1	101-55-3	4-Bromophenylphenyl ether	mg/kg		22	NA	0.36	NA		19
AOC 1	59-50-7	4-Chloro-3-methylphenol	mg/kg		22	NA	0.36	NA		19
AOC 1	7005-72-3	4-Chlorophenylphenyl ether	mg/kg		22	NA	0.36	NA		19
AOC 1	111-91-1	Bis(2-Chloroethoxy)methane	mg/kg		22	NA	0.36	NA		19
AOC 13	101-55-3	4-Bromophenylphenyl ether	mg/kg		18	NA	0.37	NA		24
AOC 13	59-50-7	4-Chloro-3-methylphenol	mg/kg		18	NA	0.37	NA		24
AOC 13	7005-72-3	4-Chlorophenylphenyl ether	mg/kg		18	NA	0.37	NA		24
AOC 13	111-91-1	Bis(2-Chloroethoxy)methane	mg/kg		18	NA	0.37	NA		24
AOC 18 and AOC 21	101-55-3	4-Bromophenylphenyl ether	mg/kg		0.42	NA	0.36	NA		14
AOC 18 and AOC 21	59-50-7	4-Chloro-3-methylphenol	mg/kg		0.42	NA	0.36	NA		14
AOC 18 and AOC 21	7005-72-3	4-Chlorophenylphenyl ether	mg/kg		0.42	NA	0.36	NA		14
AOC 18 and AOC 21	111-91-1	Bis(2-Chloroethoxy)methane	mg/kg		0.42	NA	0.36	NA		14
AOC 18 and AOC 21	26523-64-8	TRICHLOROTRIFLUOROETHANE	mg/kg		0.0063	NA	0.0046	NA		9
AOC 2	101-55-3	4-Bromophenylphenyl ether	mg/kg		0.43	NA	0.37	NA		11
AOC 2	59-50-7	4-Chloro-3-methylphenol	mg/kg		0.43	NA	0.37	NA		11
AOC 2	7005-72-3	4-Chlorophenylphenyl ether	mg/kg		0.43	NA	0.37	NA		11
AOC 2	111-91-1	Bis(2-Chloroethoxy)methane	mg/kg		0.43	NA	0.37	NA		11
AOC 2	26523-64-8	TRICHLOROTRIFLUOROETHANE	mg/kg		0.017	NA	0.0049	NA		8
Block A	101-55-3	4-Bromophenylphenyl ether	mg/kg		1.9	NA	0.37	NA		17
Block A	59-50-7	4-Chloro-3-methylphenol	mg/kg		1.9	NA	0.37	NA		17
Block A	7005-72-3	4-Chlorophenylphenyl ether	mg/kg		1.9	NA	0.37	NA		17
Block A	111-91-1	Bis(2-Chloroethoxy)methane	mg/kg		1.9	NA	0.37	NA		17
Southern Parcel (b)	101-55-3	4-Bromophenylphenyl ether	mg/kg		39	NA	0.36	NA		113
Southern Parcel (b)	59-50-7	4-Chloro-3-methylphenol	mg/kg		39	NA	0.36	NA		113
Southern Parcel (b)	7005-72-3	4-Chlorophenylphenyl ether	mg/kg		39	NA	0.36	NA		113
Southern Parcel (b)	111-91-1	Bis(2-Chloroethoxy)methane	mg/kg		39	NA	0.36	NA		113

Notes:
DL - Detection Limit.
(a) - EPA Region 9 PRG for residential soil. PRGs for noncarcinogens are divided by 10 (HQ = 0.1).
(b) - All of Southern Parcel except AOC 13.

Table H-2A
Detection Limit Evaluation - Chemicals Never Detected in Subsurface Soil

Area	CAS No.	Chemical	Units	PRG Resid. Soil (a)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Number of DLs Exceeding PRG	Sample Count
AOC 1	71-55-6	1,1,1-Trichloroethane	mg/kg	200	440	Yes	0.0045	No	1	25
AOC 1	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.407618604	440	Yes	0.0045	No	4	25
AOC 1	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	2100	440	No	0.0045	No	0	25
AOC 1	79-00-5	1,1,2-Trichloroethane	mg/kg	0.728625386	440	Yes	0.0045	No	2	25
AOC 1	75-34-3	1,1-Dichloroethane	mg/kg	50.63968328	440	Yes	0.0045	No	1	25
AOC 1	75-35-4	1,1-Dichloroethene	mg/kg	12.3530677	440	Yes	0.0045	No	1	25
AOC 1	72918-21-9	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	mg/kg	3.89857E-06	0.000000124	No	0.000000022	No	0	5
AOC 1	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	0.48	440	Yes	0.0045	No	4	25
AOC 1	106-93-4	1,2-Dibromoethane	mg/kg	0.032	440	Yes	0.0045	No	3	25
AOC 1	107-06-2	1,2-Dichloroethane	mg/kg	0.277731051	440	Yes	0.0045	No	3	25
AOC 1	78-87-5	1,2-Dichloropropane	mg/kg	0.342162762	440	Yes	0.0045	No	3	25
AOC 1	106-46-7	1,4-Dichlorobenzene	mg/kg	3.446542497	440	Yes	0.0045	No	1	25
AOC 1	108-60-1	2,2'-Oxybis(1-Chloropropane)	mg/kg	2.884215512	79	Yes	0.35	No	2	17
AOC 1	95-95-4	2,4,5-Trichlorophenol	mg/kg	611.0309701	79	No	0.35	No	0	17
AOC 1	88-06-2	2,4,6-Trichlorophenol	mg/kg	6.110309701	79	Yes	0.35	No	1	17
AOC 1	120-83-2	2,4-Dichlorophenol	mg/kg	18.3309291	79	Yes	0.35	No	1	17
AOC 1	51-28-5	2,4-Dinitrophenol	mg/kg	12.2206194	410	Yes	1.8	No	2	17
AOC 1	121-14-2	2,4-Dinitrotoluene	mg/kg	12.2206194	79	Yes	0.35	No	1	17
AOC 1	606-20-2	2,6-Dinitrotoluene	mg/kg	6.110309701	79	Yes	0.35	No	1	17
AOC 1	91-58-7	2-Chloronaphthalene	mg/kg	493.6640536	79	No	0.35	No	0	17
AOC 1	95-57-8	2-Chlorophenol	mg/kg	6.339845745	79	Yes	0.35	No	1	17
AOC 1	88-74-4	2-Nitroaniline	mg/kg	18.27722139	410	Yes	1.8	No	2	17
AOC 1	88-75-5	2-Nitrophenol	mg/kg	6.339845745	79	Yes	0.35	No	1	17
AOC 1	91-94-1	3,3'-Dichlorobenzidine	mg/kg	1.080845583	79	Yes	0.35	No	3	17
AOC 1	99-09-2	3-Nitroaniline	mg/kg	1.83309291	410	Yes	1.8	No	15	17
AOC 1	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	410	Yes	1.8	Yes	17	17
AOC 1	101-55-3	4-Bromophenylphenyl ether	mg/kg		79	NA	0.35	NA		17
AOC 1	59-50-7	4-Chloro-3-methylphenol	mg/kg		79	NA	0.35	NA		17
AOC 1	106-47-8	4-Chloroaniline	mg/kg	24.4412388	79	Yes	0.35	No	1	17
AOC 1	7005-72-3	4-Chlorophenylphenyl ether	mg/kg		79	NA	0.35	NA		17
AOC 1	100-01-6	4-Nitroaniline	mg/kg	23.16097878	410	Yes	1.8	No	1	17
AOC 1	100-02-7	4-Nitrophenol	mg/kg	6.339845745	410	Yes	1.8	No	2	17
AOC 1	7440-36-0	Antimony	mg/kg	3.128571233	6.8	Yes	6.2	Yes	17	17
AOC 1	12674-11-2	Aroclor 1016	mg/kg	0.39330823	4.5	Yes	0.035	No	2	17
AOC 1	11104-28-2	Aroclor 1221	mg/kg	0.11	9.2	Yes	0.07	No	5	17
AOC 1	11141-16-5	Aroclor 1232	mg/kg	0.11	4.5	Yes	0.035	No	4	17
AOC 1	53469-21-9	Aroclor 1242	mg/kg	0.11	4.5	Yes	0.035	No	4	17
AOC 1	1912-24-9	Atrazine	mg/kg	2.190904294	79	Yes	0.35	No	2	17
AOC 1	100-52-7	Benzaldehyde	mg/kg	611.0309701	410	No	1.8	No	0	17
AOC 1	111-91-1	Bis(2-Chloroethoxy)methane	mg/kg		79	NA	0.35	NA		17
AOC 1	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	79	Yes	0.35	Yes	17	17
AOC 1	75-27-4	Bromodichloromethane	mg/kg	0.824275042	440	Yes	0.0045	No	2	25
AOC 1	75-25-2	Bromoform	mg/kg	61.56888849	440	Yes	0.0045	No	1	25
AOC 1	74-83-9	Bromomethane	mg/kg	0.389656117	440	Yes	0.0045	No	3	25
AOC 1	85-68-7	Butylbenzylphthalate	mg/kg	1222.06194	79	No	0.35	No	0	17
AOC 1	105-60-2	Caprolactam	mg/kg	3055.15485	79	No	0.35	No	0	17
AOC 1	56-23-5	Carbon tetrachloride	mg/kg	0.251246068	440	Yes	0.0045	No	3	25
AOC 1	75-00-3	Chloroethane	mg/kg	3.025815812	870	Yes	0.0089	No	2	25

Table H-2A
Detection Limit Evaluation - Chemicals Never Detected in Subsurface Soil

Area	CAS No.	Chemical	Units	PRG Resid. Soil (a)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Number of DLs Exceeding PRG	Sample Count
AOC 1	75-00-3	Chloroethane	mg/kg	3.025815812	870	Yes	0.0089	No	2	25
AOC 1	67-66-3	Chloroform	mg/kg	0.220791771	440	Yes	0.0045	No	3	25
AOC 1	74-87-3	Chloromethane	mg/kg	4.685346206	440	Yes	0.0045	No	1	25
AOC 1	156-59-2	cis-1,2-Dichloroethene	mg/kg	4.294190036	440	Yes	0.0045	No	1	25
AOC 1	10061-01-5	cis-1,3-Dichloropropene	mg/kg	0.776532354	440	Yes	0.0045	No	2	25
AOC 1	124-48-1	Dibromochloromethane	mg/kg	1.108864857	440	Yes	0.0045	No	1	25
AOC 1	75-71-8	Dichlorodifluoromethane	mg/kg	9.387910292	440	Yes	0.0045	No	1	25
AOC 1	84-66-2	Diethylphthalate	mg/kg	4868.247761	79	No	0.35	No	0	17
AOC 1	131-11-3	Dimethylphthalate	mg/kg	61000	79	No	0.35	No	0	17
AOC 1	117-84-0	Di-n-octylphthalate	mg/kg	244.412388	79	No	0.35	No	0	17
AOC 1	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	79	Yes	0.35	Yes	17	17
AOC 1	87-68-3	Hexachlorobutadiene	mg/kg	1.8	79	Yes	0.35	No	2	17
AOC 1	77-47-4	Hexachlorocyclopentadiene	mg/kg	36.54874986	79	Yes	0.35	No	1	17
AOC 1	67-72-1	Hexachloroethane	mg/kg	34.74146517	79	Yes	0.35	No	1	17
AOC 1	78-59-1	Isophorone	mg/kg	511.9794868	79	No	0.35	No	0	17
AOC 1	1634-04-4	Methyl-tert-butyl-ether	mg/kg	16.70074836	440	Yes	0.0045	No	1	25
AOC 1	98-95-3	Nitrobenzene	mg/kg	1.964120482	79	Yes	0.35	No	2	17
AOC 1	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.06948293	79	Yes	0.35	Yes	17	17
AOC 1	86-30-6	N-Nitrosodiphenylamine	mg/kg	99.26132907	79	No	0.35	No	0	17
AOC 1	39001-02-0	OCTACHLORODIBENZOFURAN	mg/kg	3.89857E-06	0.000004174	Yes	0.000000114	No	1	5
AOC 1	87-86-5	Pentachlorophenol	mg/kg	2.978985095	410	Yes	1.8	No	3	17
AOC 1	127-18-4	Tetrachloroethene	mg/kg	0.483591399	440	Yes	0.0045	No	3	25
AOC 1	156-60-5	trans-1,2-Dichloroethene	mg/kg	6.948962718	440	Yes	0.0045	No	1	25
AOC 1	79-01-6	Trichloroethene	mg/kg	0.052983337	440	Yes	0.0045	No	3	25
AOC 1	75-69-4	Trichlorofluoromethane	mg/kg	38.58178986	440	Yes	0.0045	No	1	25
AOC 1	75-01-4	Vinyl chloride	mg/kg	0.079067784	440	Yes	0.0045	No	3	25
AOC 13	71-55-6	1,1,1-Trichloroethane	mg/kg	200	76	No	0.0042	No	0	51
AOC 13	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.407618604	76	Yes	0.0042	No	3	51
AOC 13	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	2100	76	No	0.0042	No	0	51
AOC 13	79-00-5	1,1,2-Trichloroethane	mg/kg	0.728625386	76	Yes	0.0042	No	2	51
AOC 13	75-34-3	1,1-Dichloroethane	mg/kg	50.63968328	76	Yes	0.0042	No	1	51
AOC 13	75-35-4	1,1-Dichloroethene	mg/kg	12.3530677	76	Yes	0.0042	No	2	51
AOC 13	120-82-1	1,2,4-Trichlorobenzene	mg/kg	6.215976298	76	Yes	0.0042	No	2	51
AOC 13	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	0.46	76	Yes	0.0042	No	3	51
AOC 13	106-93-4	1,2-Dibromoethane	mg/kg	0.032	76	Yes	0.0042	No	3	51
AOC 13	95-50-1	1,2-Dichlorobenzene	mg/kg	110	76	No	0.0042	No	0	51
AOC 13	107-06-2	1,2-Dichloroethane	mg/kg	0.277731051	76	Yes	0.0042	No	3	51
AOC 13	78-87-5	1,2-Dichloropropane	mg/kg	0.342162762	76	Yes	0.0042	No	3	51
AOC 13	541-73-1	1,3-Dichlorobenzene	mg/kg	53.13493772	76	Yes	0.0042	No	1	51
AOC 13	106-46-7	1,4-Dichlorobenzene	mg/kg	3.446542497	76	Yes	0.0042	No	2	51
AOC 13	108-60-1	2,2'-Oxybis(1-Chloropropane)	mg/kg	2.884215512	3100	Yes	0.34	No	5	51
AOC 13	95-95-4	2,4,5-Trichlorophenol	mg/kg	611.0309701	3100	Yes	0.34	No	1	51
AOC 13	88-06-2	2,4,6-Trichlorophenol	mg/kg	6.110309701	3100	Yes	0.34	No	2	51
AOC 13	120-83-2	2,4-Dichlorophenol	mg/kg	18.3309291	3100	Yes	0.34	No	2	51
AOC 13	51-28-5	2,4-Dinitrophenol	mg/kg	12.2206194	16000	Yes	1.8	No	6	51
AOC 13	121-14-2	2,4-Dinitrotoluene	mg/kg	12.2206194	3100	Yes	0.34	No	2	51
AOC 13	606-20-2	2,6-Dinitrotoluene	mg/kg	6.110309701	3100	Yes	0.34	No	2	51
AOC 13	91-58-7	2-Chloronaphthalene	mg/kg	493.6640536	3100	Yes	0.34	No	1	51

Table H-2A
Detection Limit Evaluation - Chemicals Never Detected in Subsurface Soil

Area	CAS No.	Chemical	Units	PRG Resid. Soil (a)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Number of DLs Exceeding PRG	Sample Count
AOC 13	95-57-8	2-Chlorophenol	mg/kg	6.339845745	3100	Yes	0.34	No	2	51
AOC 13	591-78-6	2-Hexanone	mg/kg	528.0885751	150	No	0.0085	No	0	51
AOC 13	88-74-4	2-Nitroaniline	mg/kg	18.27722139	16000	Yes	1.8	No	5	51
AOC 13	88-75-5	2-Nitrophenol	mg/kg	6.339845745	3100	Yes	0.34	No	2	51
AOC 13	91-94-1	3,3'-Dichlorobenzidine	mg/kg	1.080845583	3100	Yes	0.34	No	10	51
AOC 13	99-09-2	3-Nitroaniline	mg/kg	1.83309291	16000	Yes	1.8	No	32	51
AOC 13	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	16000	Yes	1.8	Yes	48	51
AOC 13	101-55-3	4-Bromophenylphenyl ether	mg/kg		3100	NA	0.34	NA		51
AOC 13	59-50-7	4-Chloro-3-methylphenol	mg/kg		3100	NA	0.34	NA		51
AOC 13	106-47-8	4-Chloroaniline	mg/kg	24.4412388	3100	Yes	0.34	No	2	51
AOC 13	7005-72-3	4-Chlorophenylphenyl ether	mg/kg		3100	NA	0.34	NA		51
AOC 13	100-01-6	4-Nitroaniline	mg/kg	23.16097678	16000	Yes	1.8	No	3	51
AOC 13	100-02-7	4-Nitrophenol	mg/kg	6.339845745	16000	Yes	1.8	No	9	51
AOC 13	7440-36-0	Antimony	mg/kg	3.128571233	9.5	Yes	3.1	No	49	51
AOC 13	12674-11-2	Aroclor 1016	mg/kg	0.39330823	12	Yes	0.034	No	2	51
AOC 13	11104-28-2	Aroclor 1221	mg/kg	0.11	23	Yes	0.069	No	7	51
AOC 13	11141-16-5	Aroclor 1232	mg/kg	0.11	12	Yes	0.034	No	7	51
AOC 13	53469-21-9	Aroclor 1242	mg/kg	0.11	12	Yes	0.034	No	7	51
AOC 13	11097-69-1	Aroclor 1254	mg/kg	0.11	12	Yes	0.034	No	7	51
AOC 13	1912-24-9	Atrazine	mg/kg	2.190904294	3100	Yes	0.34	No	6	51
AOC 13	100-52-7	Benzaldehyde	mg/kg	611.0309701	16000	Yes	1.8	No	1	51
AOC 13	111-91-1	Bis(2-Chloroethoxy)methane	mg/kg		3100	NA	0.34	NA		51
AOC 13	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	3100	Yes	0.34	Yes	51	51
AOC 13	75-27-4	Bromodichloromethane	mg/kg	0.824275042	76	Yes	0.0042	No	2	51
AOC 13	75-25-2	Bromoform	mg/kg	61.56888849	76	Yes	0.0042	No	1	51
AOC 13	74-83-9	Bromomethane	mg/kg	0.389656117	76	Yes	0.0042	No	3	51
AOC 13	85-68-7	Butylbenzylphthalate	mg/kg	1222.08194	3100	Yes	0.34	No	1	51
AOC 13	105-60-2	Caprolactam	mg/kg	3055.15485	3100	Yes	0.34	No	1	51
AOC 13	56-23-5	Carbon tetrachloride	mg/kg	0.251246068	76	Yes	0.0042	No	3	51
AOC 13	108-90-7	Chlorobenzene	mg/kg	15.06578627	76	Yes	0.0042	No	2	51
AOC 13	75-00-3	Chloroethane	mg/kg	3.025815812	150	Yes	0.0085	No	4	51
AOC 13	75-00-3	Chloroethane	mg/kg	3.025815812	150	Yes	0.0085	No	4	51
AOC 13	67-66-3	Chloroform	mg/kg	0.220791771	76	Yes	0.0042	No	3	51
AOC 13	74-87-3	Chloromethane	mg/kg	4.685346206	76	Yes	0.0042	No	2	51
AOC 13	156-59-2	cis-1,2-Dichloroethene	mg/kg	4.294190036	76	Yes	0.0042	No	2	51
AOC 13	10061-01-5	cis-1,3-Dichloropropene	mg/kg	0.776532354	76	Yes	0.0042	No	2	51
AOC 13	124-48-1	Dibromochloromethane	mg/kg	1.108864857	76	Yes	0.0042	No	2	51
AOC 13	75-71-8	Dichlorodifluoromethane	mg/kg	9.387910292	76	Yes	0.0042	No	2	51
AOC 13	84-66-2	Diethylphthalate	mg/kg	4888.247761	3100	No	0.34	No	0	51
AOC 13	117-84-0	Di-n-octylphthalate	mg/kg	244.412388	3100	Yes	0.34	No	1	51
AOC 13	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	3100	Yes	0.34	Yes	51	51
AOC 13	87-68-3	Hexachlorobutadiene	mg/kg	1.8	3100	Yes	0.34	No	8	51
AOC 13	77-47-4	Hexachlorocyclopentadiene	mg/kg	36.54874986	3100	Yes	0.34	No	2	51
AOC 13	67-72-1	Hexachloroethane	mg/kg	34.74146517	3100	Yes	0.34	No	2	51
AOC 13	78-59-1	Isophorone	mg/kg	511.9794868	3100	Yes	0.34	No	1	51
AOC 13	79-20-9	Methyl acetate	mg/kg	2208.674401	150	No	0.0085	No	0	51
AOC 13	1634-04-4	Methyl-tert-butyl-ether	mg/kg	16.70074836	76	Yes	0.0042	No	2	51
AOC 13	98-95-3	Nitrobenzene	mg/kg	1.964120482	3100	Yes	0.34	No	7	51

Table H-2A
Detection Limit Evaluation - Chemicals Never Detected in Subsurface Soil

Area	CAS No.	Chemical	Units	PRG Resid. Soil (a)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Number of DLs Exceeding PRG	Sample Count
AOC 13	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.06948293	3100	Yes	0.34	Yes	51	51
AOC 13	86-30-6	N-Nitrosodiphenylamine	mg/kg	99.28132907	3100	Yes	0.34	No	1	51
AOC 13	87-86-5	Pentachlorophenol	mg/kg	2.978985095	16000	Yes	1.8	No	10	51
AOC 13	127-18-4	Tetrachloroethene	mg/kg	0.483591399	76	Yes	0.0042	No	3	51
AOC 13	156-60-5	trans-1,2-Dichloroethene	mg/kg	6.948962718	76	Yes	0.0042	No	2	51
AOC 13	10061-02-6	trans-1,3-Dichloropropene	mg/kg	0.776532354	76	Yes	0.0042	No	2	51
AOC 13	75-01-4	Vinyl chloride	mg/kg	0.079067784	76	Yes	0.0042	No	3	51
AOC 18 and AOC 21	71-55-6	1,1,1-Trichloroethane	mg/kg	200	0.007	No	0.0045	No	0	17
AOC 18 and AOC 21	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.407618604	0.007	No	0.0045	No	0	17
AOC 18 and AOC 21	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	2100	0.007	No	0.005	No	0	6
AOC 18 and AOC 21	79-00-5	1,1,2-Trichloroethane	mg/kg	0.728625388	0.007	No	0.0045	No	0	17
AOC 18 and AOC 21	92-52-4	1,1-Biphenyl	mg/kg	301.444942	0.41	No	0.34	No	0	17
AOC 18 and AOC 21	75-34-3	1,1-Dichloroethane	mg/kg	50.63968328	0.007	No	0.0045	No	0	17
AOC 18 and AOC 21	75-35-4	1,1-Dichloroethene	mg/kg	12.3530877	0.007	No	0.0045	No	0	17
AOC 18 and AOC 21	120-82-1	1,2,4-Trichlorobenzene	mg/kg	6.215976298	0.013	No	0.005	No	0	17
AOC 18 and AOC 21	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	0.46	0.013	No	0.005	No	0	17
AOC 18 and AOC 21	106-93-4	1,2-Dibromoethane	mg/kg	0.032	0.007	No	0.0045	No	0	17
AOC 18 and AOC 21	95-50-1	1,2-Dichlorobenzene	mg/kg	110	0.007	No	0.0045	No	0	17
AOC 18 and AOC 21	107-06-2	1,2-Dichloroethane	mg/kg	0.277731051	0.007	No	0.0045	No	0	17
AOC 18 and AOC 21	78-87-5	1,2-Dichloropropane	mg/kg	0.342162762	0.007	No	0.0045	No	0	17
AOC 18 and AOC 21	541-73-1	1,3-Dichlorobenzene	mg/kg	53.13493772	0.007	No	0.0045	No	0	17
AOC 18 and AOC 21	106-46-7	1,4-Dichlorobenzene	mg/kg	3.446542497	0.007	No	0.0045	No	0	17
AOC 18 and AOC 21	108-60-1	2,2'-Oxybis(1-Chloropropane)	mg/kg	2.884215512	0.41	No	0.34	No	0	17
AOC 18 and AOC 21	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	mg/kg	3.89857E-06	0.000000101	No	0.000000025	No	0	5
AOC 18 and AOC 21	95-95-4	2,4,5-Trichlorophenol	mg/kg	611.0309701	0.41	No	0.34	No	0	17
AOC 18 and AOC 21	88-06-2	2,4,6-Trichlorophenol	mg/kg	6.110309701	0.41	No	0.34	No	0	17
AOC 18 and AOC 21	120-83-2	2,4-Dichlorophenol	mg/kg	18.3309291	0.41	No	0.34	No	0	17
AOC 18 and AOC 21	105-67-9	2,4-Dimethylphenol	mg/kg	122.206194	0.41	No	0.34	No	0	17
AOC 18 and AOC 21	51-28-5	2,4-Dinitrophenol	mg/kg	12.2206194	1.9	No	0.69	No	0	17
AOC 18 and AOC 21	121-14-2	2,4-Dinitrotoluene	mg/kg	12.2206194	0.41	No	0.34	No	0	17
AOC 18 and AOC 21	606-20-2	2,6-Dinitrotoluene	mg/kg	6.110309701	0.41	No	0.34	No	0	17
AOC 18 and AOC 21	78-93-3	2-Butanone	mg/kg	2231.119777	0.014	No	0.009	No	0	17
AOC 18 and AOC 21	91-58-7	2-Chloronaphthalene	mg/kg	493.6640536	0.41	No	0.34	No	0	17
AOC 18 and AOC 21	95-57-8	2-Chlorophenol	mg/kg	6.339845745	0.41	No	0.34	No	0	17
AOC 18 and AOC 21	591-78-6	2-Hexanone	mg/kg	528.0885751	0.014	No	0.009	No	0	17
AOC 18 and AOC 21	88-74-4	2-Nitroaniline	mg/kg	18.27722139	1.9	No	0.34	No	0	17
AOC 18 and AOC 21	88-75-5	2-Nitrophenol	mg/kg	6.339845745	0.41	No	0.34	No	0	17
AOC 18 and AOC 21	91-94-1	3,3'-Dichlorobenzidine	mg/kg	1.080845583	0.41	No	0.34	No	0	17
AOC 18 and AOC 21	99-09-2	3-Nitroaniline	mg/kg	1.83309291	1.9	Yes	0.34	No	2	17
AOC 18 and AOC 21	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	1.9	Yes	0.69	Yes	17	17
AOC 18 and AOC 21	101-55-3	4-Bromophenylphenyl ether	mg/kg		0.41	NA	0.34	NA		17
AOC 18 and AOC 21	59-50-7	4-Chloro-3-methylphenol	mg/kg		0.41	NA	0.34	NA		17
AOC 18 and AOC 21	106-47-8	4-Chloroaniline	mg/kg	24.4412388	0.41	No	0.34	No	0	17
AOC 18 and AOC 21	7005-72-3	4-Chlorophenylphenyl ether	mg/kg		0.41	NA	0.34	NA		17
AOC 18 and AOC 21	108-10-1	4-Methyl-2-pentanone	mg/kg	528.0885751	0.014	No	0.009	No	0	17
AOC 18 and AOC 21	100-01-6	4-Nitroaniline	mg/kg	23.16097678	1.9	No	0.34	No	0	17
AOC 18 and AOC 21	100-02-7	4-Nitrophenol	mg/kg	6.339845745	1.9	No	0.69	No	0	17
AOC 18 and AOC 21	98-86-2	Acetophenone	mg/kg	780	0.41	No	0.34	No	0	17

Table H-2A
Detection Limit Evaluation - Chemicals Never Detected in Subsurface Soil

Area	CAS No.	Chemical	Units	PRG Resid. Soil (a)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Number of DLs Exceeding PRG	Sample Count
AOC 18 and AOC 21	7440-36-0	Antimony	mg/kg	3.128571233	8	Yes	2.39	No	13	24
AOC 18 and AOC 21	12674-11-2	Aroclor 1016	mg/kg	0.39330823	0.045	No	0.034	No	0	24
AOC 18 and AOC 21	11104-28-2	Aroclor 1221	mg/kg	0.11	0.092	No	0.034	No	0	24
AOC 18 and AOC 21	11141-16-5	Aroclor 1232	mg/kg	0.11	0.045	No	0.034	No	0	24
AOC 18 and AOC 21	53469-21-9	Aroclor 1242	mg/kg	0.11	0.045	No	0.034	No	0	24
AOC 18 and AOC 21	12672-29-6	Aroclor 1248	mg/kg	0.11	0.045	No	0.034	No	0	24
AOC 18 and AOC 21	11097-69-1	Aroclor 1254	mg/kg	0.11	0.045	No	0.034	No	0	24
AOC 18 and AOC 21	11096-82-5	Aroclor 1260	mg/kg	0.11	0.045	No	0.034	No	0	24
AOC 18 and AOC 21	1912-24-9	Atrazine	mg/kg	2.190904294	0.41	No	0.34	No	0	17
AOC 18 and AOC 21	100-52-7	Benzaldehyde	mg/kg	611.0309701	1.9	No	0.34	No	0	17
AOC 18 and AOC 21	111-91-1	Bis(2-Chloroethoxy)methane	mg/kg		0.41	NA	0.34	NA		17
AOC 18 and AOC 21	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	0.41	Yes	0.34	Yes	17	17
AOC 18 and AOC 21	117-81-7	Bis(2-Ethylhexyl)phthalate	mg/kg	34.74146517	0.41	No	0.34	No	0	17
AOC 18 and AOC 21	75-27-4	Bromodichloromethane	mg/kg	0.824275042	0.007	No	0.0045	No	0	17
AOC 18 and AOC 21	75-25-2	Bromoform	mg/kg	61.56888849	0.007	No	0.0045	No	0	17
AOC 18 and AOC 21	74-83-9	Bromomethane	mg/kg	0.389656117	0.007	No	0.0045	No	0	17
AOC 18 and AOC 21	85-68-7	Butylbenzylphthalate	mg/kg	1222.06194	0.41	No	0.34	No	0	17
AOC 18 and AOC 21	105-60-2	Caprolactam	mg/kg	3055.15485	0.41	No	0.34	No	0	17
AOC 18 and AOC 21	56-23-5	Carbon tetrachloride	mg/kg	0.251246068	0.007	No	0.0045	No	0	17
AOC 18 and AOC 21	108-90-7	Chlorobenzene	mg/kg	15.06578627	0.007	No	0.0045	No	0	17
AOC 18 and AOC 21	75-00-3	Chloroethane	mg/kg	3.025815812	0.014	No	0.0045	No	0	17
AOC 18 and AOC 21	75-00-3	Chloroethane	mg/kg	3.025815812	0.014	No	0.0045	No	0	17
AOC 18 and AOC 21	156-59-2	cis-1,2-Dichloroethene	mg/kg	4.294190036	0.007	No	0.0045	No	0	17
AOC 18 and AOC 21	10061-01-5	cis-1,3-Dichloropropene	mg/kg	0.776532354	0.007	No	0.0045	No	0	17
AOC 18 and AOC 21	57-12-5	CYANIDE	mg/kg	122.2096721	1.37	No	0.5	No	0	24
AOC 18 and AOC 21	124-48-1	Dibromochloromethane	mg/kg	1.108864857	0.007	No	0.0045	No	0	17
AOC 18 and AOC 21	75-71-8	Dichlorodifluoromethane	mg/kg	9.387910292	0.007	No	0.0045	No	0	17
AOC 18 and AOC 21	84-66-2	Diethylphthalate	mg/kg	4888.247761	0.41	No	0.34	No	0	17
AOC 18 and AOC 21	131-11-3	Dimethylphthalate	mg/kg	61000	0.41	No	0.34	No	0	17
AOC 18 and AOC 21	84-74-2	Di-n-butylphthalate	mg/kg	611.0309701	0.41	No	0.34	No	0	17
AOC 18 and AOC 21	117-84-0	Di-n-octylphthalate	mg/kg	244.412388	0.41	No	0.34	No	0	17
AOC 18 and AOC 21	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	0.41	Yes	0.34	Yes	17	17
AOC 18 and AOC 21	87-68-3	Hexachlorobutadiene	mg/kg	1.8	0.41	No	0.34	No	0	17
AOC 18 and AOC 21	77-47-4	Hexachlorocyclopentadiene	mg/kg	36.54874986	0.41	No	0.34	No	0	17
AOC 18 and AOC 21	67-72-1	Hexachloroethane	mg/kg	34.74146517	0.41	No	0.34	No	0	17
AOC 18 and AOC 21	78-59-1	Isophorone	mg/kg	511.9794868	0.41	No	0.34	No	0	17
AOC 18 and AOC 21	98-82-8	Isopropylbenzene	mg/kg	15.70273706	0.007	No	0.0045	No	0	17
AOC 18 and AOC 21	79-20-9	Methyl acetate	mg/kg	2208.674401	0.014	No	0.009	No	0	17
AOC 18 and AOC 21	1634-04-4	Methyl-tert-butyl-ether	mg/kg	16.70074836	0.007	No	0.0045	No	0	17
AOC 18 and AOC 21	98-95-3	Nitrobenzene	mg/kg	1.984120482	0.41	No	0.34	No	0	17
AOC 18 and AOC 21	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.06948293	0.41	Yes	0.34	Yes	17	17
AOC 18 and AOC 21	86-30-6	N-Nitrosodiphenylamine	mg/kg	99.26132907	0.41	No	0.34	No	0	17
AOC 18 and AOC 21	95-48-7	o-Cresol (2-Methylphenol)	mg/kg	305.515485	0.41	No	0.34	No	0	17
AOC 18 and AOC 21	106-44-5	p-Cresol (4-Methylphenol)	mg/kg	30.5515485	0.41	No	0.34	No	0	17
AOC 18 and AOC 21	87-86-5	Pentachlorophenol	mg/kg	2.978985095	1.9	No	0.69	No	0	17
AOC 18 and AOC 21	108-95-2	Phenol	mg/kg	1833.09291	0.41	No	0.34	No	0	17
AOC 18 and AOC 21	7440-22-4	Silver	mg/kg	39.10711227	1.3	No	0.24	No	0	24
AOC 18 and AOC 21	100-42-5	Styrene	mg/kg	440	0.007	No	0.0045	No	0	17

Table H-2A
Detection Limit Evaluation - Chemicals Never Detected in Subsurface Soil

Area	CAS No.	Chemical	Units	PRG Resid. Soil (a)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Number of DLs Exceeding PRG	Sample Count
AOC 18 and AOC 21	127-18-4	Tetrachloroethene	mg/kg	0.483591399	0.007	No	0.0045	No	0	17
AOC 18 and AOC 21	156-60-5	trans-1,2-Dichloroethene	mg/kg	6.948962718	0.007	No	0.0045	No	0	17
AOC 18 and AOC 21	10061-02-6	trans-1,3-Dichloropropene	mg/kg	0.776532354	0.007	No	0.0045	No	0	17
AOC 18 and AOC 21	28523-84-8	TRICHLOROTRIFLUOROETHANE	mg/kg		0.0062	NA	0.0045	NA		11
AOC 18 and AOC 21	75-01-4	Vinyl chloride	mg/kg	0.079067784	0.007	No	0.0045	No	0	17
AOC 19	83-32-9	Acenaphthene	mg/kg	368.1705748	3	No	0.35	No	0	18
AOC 19	7440-36-0	Antimony	mg/kg	3.128571233	8.9	Yes	6	Yes	18	18
AOC 19	12674-11-2	Aroclor 1016	mg/kg	0.39330823	0.049	No	0.035	No	0	18
AOC 19	11104-28-2	Aroclor 1221	mg/kg	0.11	0.1	No	0.07	No	0	18
AOC 19	11141-16-5	Aroclor 1232	mg/kg	0.11	0.049	No	0.035	No	0	18
AOC 19	53469-21-9	Aroclor 1242	mg/kg	0.11	0.049	No	0.035	No	0	18
AOC 19	11096-82-5	Aroclor 1260	mg/kg	0.11	0.049	No	0.035	No	0	18
AOC 19	57-12-5	CYANIDE	mg/kg	122.2096721	1.49	No	1.05	No	0	18
AOC 19	86-73-7	Fluorene	mg/kg	274.7106596	3	No	0.35	No	0	18
AOC 19	7440-22-4	Silver	mg/kg	39.10711227	1.5	No	1	No	0	18
AOC 2	71-55-6	1,1,1-Trichloroethane	mg/kg	200	0.015	No	0.0052	No	0	11
AOC 2	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.407618604	0.015	No	0.0052	No	0	11
AOC 2	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	2100	0.0062	No	0.0053	No	0	4
AOC 2	79-00-5	1,1,2-Trichloroethane	mg/kg	0.728625386	0.015	No	0.0052	No	0	11
AOC 2	92-52-4	1,1-Biphenyl	mg/kg	301.444942	0.42	No	0.34	No	0	11
AOC 2	75-34-3	1,1-Dichloroethane	mg/kg	50.63968328	0.015	No	0.0052	No	0	11
AOC 2	75-35-4	1,1-Dichloroethene	mg/kg	12.3530677	0.015	No	0.0052	No	0	11
AOC 2	72918-21-9	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	mg/kg	3.89857E-06	0.000000437	No	0.000000036	No	0	4
AOC 2	120-82-1	1,2,4-Trichlorobenzene	mg/kg	6.215976296	0.03	No	0.0053	No	0	11
AOC 2	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	0.46	0.03	No	0.0053	No	0	11
AOC 2	106-93-4	1,2-Dibromoethane	mg/kg	0.032	0.015	No	0.0052	No	0	11
AOC 2	95-50-1	1,2-Dichlorobenzene	mg/kg	110	0.015	No	0.0052	No	0	11
AOC 2	107-06-2	1,2-Dichloroethane	mg/kg	0.277731051	0.015	No	0.0052	No	0	11
AOC 2	78-87-5	1,2-Dichloropropane	mg/kg	0.342162762	0.015	No	0.0052	No	0	11
AOC 2	541-73-1	1,3-Dichlorobenzene	mg/kg	53.13493772	0.015	No	0.0052	No	0	11
AOC 2	106-46-7	1,4-Dichlorobenzene	mg/kg	3.446542497	0.015	No	0.0052	No	0	11
AOC 2	108-60-1	2,2'-Oxybis(1-Chloropropane)	mg/kg	2.884215512	0.42	No	0.34	No	0	11
AOC 2	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	mg/kg	3.89857E-06	0.000000119	No	0.000000065	No	0	4
AOC 2	95-95-4	2,4,5-Trichlorophenol	mg/kg	611.0309701	0.41	No	0.34	No	0	11
AOC 2	88-06-2	2,4,6-Trichlorophenol	mg/kg	6.110309701	0.41	No	0.34	No	0	11
AOC 2	120-83-2	2,4-Dichlorophenol	mg/kg	18.3309291	0.41	No	0.34	No	0	11
AOC 2	105-67-9	2,4-Dimethylphenol	mg/kg	122.206194	0.41	No	0.34	No	0	11
AOC 2	51-28-5	2,4-Dinitrophenol	mg/kg	12.2206194	0.82	No	0.69	No	0	11
AOC 2	121-14-2	2,4-Dinitrotoluene	mg/kg	12.2206194	0.42	No	0.34	No	0	11
AOC 2	606-20-2	2,6-Dinitrotoluene	mg/kg	6.110309701	0.42	No	0.34	No	0	11
AOC 2	91-58-7	2-Chloronaphthalene	mg/kg	493.6840636	0.42	No	0.34	No	0	11
AOC 2	95-57-8	2-Chlorophenol	mg/kg	6.339845745	0.42	No	0.34	No	0	11
AOC 2	591-78-6	2-Hexanone	mg/kg	528.0885751	0.03	No	0.011	No	0	11
AOC 2	91-57-6	2-Methylnaphthalene	mg/kg	5.591805683	0.42	No	0.34	No	0	11
AOC 2	88-74-4	2-Nitroaniline	mg/kg	18.27722139	0.42	No	0.34	No	0	11
AOC 2	88-75-5	2-Nitrophenol	mg/kg	6.339845745	0.41	No	0.34	No	0	11
AOC 2	91-94-1	3,3'-Dichlorobenzidine	mg/kg	1.080845583	0.42	No	0.34	No	0	11
AOC 2	99-09-2	3-Nitroaniline	mg/kg	1.83309291	0.42	No	0.34	No	0	11

Table H-2A
Detection Limit Evaluation - Chemicals Never Detected in Subsurface Soil

Area	CAS No.	Chemical	Units	PRG Resid. Soil (a)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Number of DLs Exceeding PRG	Sample Count
AOC 2	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	0.82	Yes	0.69	Yes	10	11
AOC 2	101-55-3	4-Bromophenylphenyl ether	mg/kg		0.42	NA	0.34	NA		11
AOC 2	59-50-7	4-Chloro-3-methylphenol	mg/kg		0.41	NA	0.34	NA		11
AOC 2	106-47-8	4-Chloroaniline	mg/kg	24.4412388	0.42	No	0.34	No	0	11
AOC 2	7005-72-3	4-Chlorophenylphenyl ether	mg/kg		0.42	NA	0.34	NA		11
AOC 2	108-10-1	4-Methyl-2-pentanone	mg/kg	528.0885751	0.03	No	0.011	No	0	11
AOC 2	100-01-6	4-Nitroaniline	mg/kg	23.16097678	0.42	No	0.34	No	0	11
AOC 2	100-02-7	4-Nitrophenol	mg/kg	6.339845745	0.82	No	0.69	No	0	11
AOC 2	83-32-9	Acenaphthene	mg/kg	368.1705748	0.42	No	0.34	No	0	11
AOC 2	208-96-8	Acenaphthylene	mg/kg	368.1705748	0.42	No	0.34	No	0	11
AOC 2	98-86-2	Acetophenone	mg/kg	780	0.42	No	0.34	No	0	11
AOC 2	7440-36-0	Antimony	mg/kg	3.128571233	0.283	No	0.283	No	0	11
AOC 2	12674-11-2	Aroclor 1016	mg/kg	0.39330823	0.042	No	0.034	No	0	11
AOC 2	11104-28-2	Aroclor 1221	mg/kg	0.11	0.042	No	0.034	No	0	11
AOC 2	11141-16-5	Aroclor 1232	mg/kg	0.11	0.042	No	0.034	No	0	11
AOC 2	53469-21-9	Aroclor 1242	mg/kg	0.11	0.042	No	0.034	No	0	11
AOC 2	12672-29-6	Aroclor 1248	mg/kg	0.11	0.042	No	0.034	No	0	11
AOC 2	11097-69-1	Aroclor 1254	mg/kg	0.11	0.042	No	0.034	No	0	11
AOC 2	1912-24-9	Atrazine	mg/kg	2.190904294	0.42	No	0.34	No	0	11
AOC 2	100-52-7	Benzaldehyde	mg/kg	611.0309701	0.42	No	0.34	No	0	11
AOC 2	111-91-1	Bis(2-Chloroethoxy)methane	mg/kg		0.42	NA	0.34	NA		11
AOC 2	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	0.42	Yes	0.34	Yes	11	11
AOC 2	117-81-7	Bis(2-Ethylhexyl)phthalate	mg/kg	34.74146517	0.42	No	0.34	No	0	11
AOC 2	75-27-4	Bromodichloromethane	mg/kg	0.824275042	0.015	No	0.0052	No	0	11
AOC 2	75-25-2	Bromoform	mg/kg	61.56888849	0.015	No	0.0052	No	0	11
AOC 2	74-83-9	Bromomethane	mg/kg	0.389656117	0.015	No	0.0052	No	0	11
AOC 2	85-68-7	Butylbenzylphthalate	mg/kg	1222.06194	0.42	No	0.34	No	0	11
AOC 2	105-60-2	Caprolactam	mg/kg	3055.15485	0.42	No	0.34	No	0	11
AOC 2	86-74-8	Carbazole	mg/kg	24.31902562	0.42	No	0.34	No	0	11
AOC 2	56-23-5	Carbon tetrachloride	mg/kg	0.251246068	0.015	No	0.0052	No	0	11
AOC 2	108-90-7	Chlorobenzene	mg/kg	15.06578627	0.015	No	0.0052	No	0	11
AOC 2	75-00-3	Chloroethane	mg/kg	3.025815812	0.015	No	0.0052	No	0	11
AOC 2	75-00-3	Chloroethane	mg/kg	3.025815812	0.015	No	0.0052	No	0	11
AOC 2	67-66-3	Chloroform	mg/kg	0.220791771	0.015	No	0.0052	No	0	11
AOC 2	74-87-3	Chloromethane	mg/kg	4.685348206	0.015	No	0.0052	No	0	11
AOC 2	156-59-2	cis-1,2-Dichloroethene	mg/kg	4.294190036	0.015	No	0.0052	No	0	11
AOC 2	10061-01-5	cis-1,3-Dichloropropene	mg/kg	0.776532354	0.015	No	0.0052	No	0	11
AOC 2	110-82-7	Cyclohexane	mg/kg	140	0.03	No	0.0053	No	0	11
AOC 2	132-64-9	Dibenzofuran	mg/kg	14.52631361	0.42	No	0.34	No	0	11
AOC 2	124-48-1	Dibromochloromethane	mg/kg	1.108864857	0.015	No	0.0052	No	0	11
AOC 2	75-71-8	Dichlorodifluoromethane	mg/kg	9.387910292	0.015	No	0.0052	No	0	11
AOC 2	84-66-2	Diethylphthalate	mg/kg	4888.247761	0.42	No	0.34	No	0	11
AOC 2	131-11-3	Dimethylphthalate	mg/kg	61000	0.42	No	0.34	No	0	11
AOC 2	84-74-2	Di-n-butylphthalate	mg/kg	611.0309701	0.42	No	0.34	No	0	11
AOC 2	117-84-0	Di-n-octylphthalate	mg/kg	244.412388	0.42	No	0.34	No	0	11
AOC 2	86-73-7	Fluorene	mg/kg	274.7106596	0.42	No	0.34	No	0	11
AOC 2	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	0.42	Yes	0.34	Yes	11	11
AOC 2	87-68-3	Hexachlorobutadiene	mg/kg	1.8	0.42	No	0.34	No	0	11

Table H-2A
Detection Limit Evaluation - Chemicals Never Detected in Subsurface Soil

Area	CAS No.	Chemical	Units	PRG Resid. Soil (a)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Number of DLs Exceeding PRG	Sample Count
AOC 2	77-47-4	Hexachlorocyclopentadiene	mg/kg	36.54874986	0.42	No	0.34	No	0	11
AOC 2	67-72-1	Hexachloroethane	mg/kg	34.74146517	0.42	No	0.34	No	0	11
AOC 2	78-59-1	Isophorone	mg/kg	511.9794868	0.42	No	0.34	No	0	11
AOC 2	98-82-8	Isopropylbenzene	mg/kg	15.70273706	0.015	No	0.0052	No	0	11
AOC 2	79-20-9	Methyl acetate	mg/kg	2208.674401	0.03	No	0.011	No	0	11
AOC 2	1634-04-4	Methyl-tert-butyl-ether	mg/kg	16.70074836	0.015	No	0.0052	No	0	11
AOC 2	91-20-3	Naphthalene	mg/kg	5.591605683	0.42	No	0.34	No	0	11
AOC 2	98-95-3	Nitrobenzene	mg/kg	1.984120482	0.42	No	0.34	No	0	11
AOC 2	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.08948293	0.42	Yes	0.34	Yes	11	11
AOC 2	86-30-6	N-Nitrosodiphenylamine	mg/kg	99.26132907	0.42	No	0.34	No	0	11
AOC 2	95-48-7	o-Cresol (2-Methylphenol)	mg/kg	305.515485	0.41	No	0.34	No	0	11
AOC 2	106-44-5	p-Cresol (4-Methylphenol)	mg/kg	30.5515485	0.41	No	0.34	No	0	11
AOC 2	87-86-5	Pentachlorophenol	mg/kg	2.978985095	0.82	No	0.69	No	0	11
AOC 2	85-01-8	Phenanthrene	mg/kg	2189.612062	0.42	No	0.34	No	0	11
AOC 2	108-95-2	Phenol	mg/kg	1833.09291	0.41	No	0.34	No	0	11
AOC 2	7440-22-4	Silver	mg/kg	39.10711227	0.338	No	0.285	No	0	11
AOC 2	100-42-5	Styrene	mg/kg	440	0.015	No	0.0052	No	0	11
AOC 2	127-18-4	Tetrachloroethene	mg/kg	0.483591399	0.015	No	0.0052	No	0	11
AOC 2	7440-28-0	Thallium	mg/kg	0.51621428	0.288	No	0.225	No	0	11
AOC 2	156-60-5	trans-1,2-Dichloroethene	mg/kg	6.948962718	0.015	No	0.0052	No	0	11
AOC 2	10061-02-6	trans-1,3-Dichloropropene	mg/kg	0.778532354	0.015	No	0.0052	No	0	11
AOC 2	79-01-6	Trichloroethene	mg/kg	0.052983337	0.015	No	0.0052	No	0	11
AOC 2	75-69-4	Trichlorofluoromethane	mg/kg	38.58178986	0.015	No	0.0052	No	0	11
AOC 2	26523-64-8	TRICHLOROTRIFLUOROETHANE	mg/kg		0.015	NA	0.0052	NA		7
AOC 2	75-01-4	Vinyl chloride	mg/kg	0.079067784	0.015	No	0.0052	No	0	11
Block A	71-55-6	1,1,1-Trichloroethane	mg/kg	200	0.0061	No	0.004	No	0	20
Block A	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.407618604	0.0061	No	0.004	No	0	20
Block A	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	2100	0.0061	No	0.004	No	0	20
Block A	79-00-5	1,1,2-Trichloroethane	mg/kg	0.728625386	0.0061	No	0.004	No	0	20
Block A	92-52-4	1,1-Biphenyl	mg/kg	301.444942	1.1	No	0.35	No	0	17
Block A	75-34-3	1,1-Dichloroethane	mg/kg	50.63968328	0.0061	No	0.004	No	0	20
Block A	75-35-4	1,1-Dichloroethene	mg/kg	12.3530677	0.0061	No	0.004	No	0	20
Block A	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	mg/kg	3.89857E-06	0.000000043	No	0.000000014	No	0	3
Block A	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	mg/kg	3.89857E-06	0.000000038	No	0.000000018	No	0	3
Block A	120-82-1	1,2,4-Trichlorobenzene	mg/kg	6.215976296	0.0061	No	0.004	No	0	20
Block A	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	0.46	0.0061	No	0.004	No	0	20
Block A	106-93-4	1,2-Dibromoethane	mg/kg	0.032	0.0061	No	0.004	No	0	20
Block A	95-50-1	1,2-Dichlorobenzene	mg/kg	110	0.0061	No	0.004	No	0	20
Block A	107-06-2	1,2-Dichloroethane	mg/kg	0.277731051	0.0061	No	0.004	No	0	20
Block A	78-87-5	1,2-Dichloropropane	mg/kg	0.342162762	0.0061	No	0.004	No	0	20
Block A	541-73-1	1,3-Dichlorobenzene	mg/kg	53.13493772	0.0061	No	0.004	No	0	20
Block A	106-46-7	1,4-Dichlorobenzene	mg/kg	3.446542497	0.0061	No	0.004	No	0	20
Block A	108-60-1	2,2'-Oxybis(1-Chloropropane)	mg/kg	2.884215512	1.1	No	0.35	No	0	17
Block A	57117-31-4	2,3,4,7,8-PENTACHLORODIBENZOFURAN	mg/kg	3.89857E-06	0.000000041	No	0.000000013	No	0	3
Block A	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	mg/kg	3.89857E-06	0.000000031	No	0.000000038	No	0	3
Block A	1746-01-6	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	mg/kg	3.89857E-06	0.000000017	No	0.000000013	No	0	3
Block A	95-95-4	2,4,5-Trichlorophenol	mg/kg	611.0309701	1.1	No	0.35	No	0	17
Block A	88-06-2	2,4,6-Trichlorophenol	mg/kg	6.110309701	1.1	No	0.35	No	0	17

Table H-2A
Detection Limit Evaluation - Chemicals Never Detected in Subsurface Soil

Area	CAS No.	Chemical	Units	PRG Resid. Soil (a)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Number of DLs Exceeding PRG	Sample Count
Block A	120-83-2	2,4-Dichlorophenol	mg/kg	18.3309291	1.1	No	0.35	No	0	17
Block A	105-67-9	2,4-Dimethylphenol	mg/kg	122.206194	1.1	No	0.35	No	0	17
Block A	51-28-5	2,4-Dinitrophenol	mg/kg	12.2206194	5.5	No	1.8	No	0	17
Block A	121-14-2	2,4-Dinitrotoluene	mg/kg	12.2206194	1.1	No	0.35	No	0	17
Block A	606-20-2	2,6-Dinitrotoluene	mg/kg	6.110309701	1.1	No	0.35	No	0	17
Block A	91-58-7	2-Chloronaphthalene	mg/kg	493.6640536	1.1	No	0.35	No	0	17
Block A	95-57-8	2-Chlorophenol	mg/kg	6.339845745	1.1	No	0.35	No	0	17
Block A	591-78-6	2-Hexanone	mg/kg	528.0885751	0.012	No	0.0081	No	0	20
Block A	91-57-6	2-Methylnaphthalene	mg/kg	5.591605683	1.1	No	0.35	No	0	17
Block A	88-74-4	2-Nitroaniline	mg/kg	18.27722139	5.5	No	1.8	No	0	17
Block A	88-75-5	2-Nitrophenol	mg/kg	6.339845745	1.1	No	0.35	No	0	17
Block A	91-94-1	3,3'-Dichlorobenzidine	mg/kg	1.080845583	1.1	Yes	0.35	No	1	17
Block A	99-09-2	3-Nitroaniline	mg/kg	1.83309291	5.5	Yes	1.8	No	15	17
Block A	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	5.5	Yes	1.8	Yes	15	17
Block A	101-55-3	4-Bromophenylphenyl ether	mg/kg		1.1	NA	0.35	NA		17
Block A	59-50-7	4-Chloro-3-methylphenol	mg/kg		1.1	NA	0.35	NA		17
Block A	106-47-8	4-Chloroaniline	mg/kg	24.4412388	1.1	No	0.35	No	0	17
Block A	7005-72-3	4-Chlorophenylphenyl ether	mg/kg		1.1	NA	0.35	NA		17
Block A	108-10-1	4-Methyl-2-pentanone	mg/kg	528.0885751	0.012	No	0.0081	No	0	20
Block A	100-01-6	4-Nitroaniline	mg/kg	23.16097678	5.5	No	1.8	No	0	17
Block A	100-02-7	4-Nitrophenol	mg/kg	6.339845745	5.5	No	1.8	No	0	17
Block A	98-86-2	Acetophenone	mg/kg	780	1.1	No	0.35	No	0	17
Block A	7440-36-0	Antimony	mg/kg	3.128571233	7.7	Yes	6.1	Yes	15	17
Block A	12674-11-2	Aroclor 1016	mg/kg	0.39330823	0.043	No	0.035	No	0	17
Block A	11104-28-2	Aroclor 1221	mg/kg	0.11	0.087	No	0.072	No	0	17
Block A	11141-16-5	Aroclor 1232	mg/kg	0.11	0.043	No	0.035	No	0	17
Block A	53469-21-9	Aroclor 1242	mg/kg	0.11	0.043	No	0.035	No	0	17
Block A	11097-69-1	Aroclor 1254	mg/kg	0.11	0.043	No	0.035	No	0	17
Block A	11096-82-5	Aroclor 1260	mg/kg	0.11	0.043	No	0.035	No	0	17
Block A	1912-24-9	Atrazine	mg/kg	2.190904294	1.1	No	0.35	No	0	17
Block A	100-52-7	Benzaldehyde	mg/kg	611.0309701	5.5	No	1.8	No	0	17
Block A	111-91-1	Bis(2-Chloroethoxy)methane	mg/kg		1.1	NA	0.35	NA		17
Block A	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	1.1	Yes	0.35	Yes	17	17
Block A	75-27-4	Bromodichloromethane	mg/kg	0.824275042	0.0061	No	0.004	No	0	20
Block A	75-25-2	Bromoform	mg/kg	61.56888849	0.0061	No	0.004	No	0	20
Block A	74-83-9	Bromomethane	mg/kg	0.389656117	0.0061	No	0.004	No	0	20
Block A	85-68-7	Butylbenzylphthalate	mg/kg	1222.06194	1.1	No	0.35	No	0	17
Block A	105-60-2	Caprolactam	mg/kg	3055.15485	1.9	No	0.38	No	0	17
Block A	56-23-5	Carbon tetrachloride	mg/kg	0.251246068	0.0061	No	0.004	No	0	20
Block A	108-90-7	Chlorobenzene	mg/kg	15.06578627	0.0061	No	0.004	No	0	20
Block A	75-00-3	Chloroethane	mg/kg	3.025815812	0.012	No	0.0081	No	0	20
Block A	75-00-3	Chloroethane	mg/kg	3.025815812	0.012	No	0.0081	No	0	20
Block A	67-66-3	Chloroform	mg/kg	0.220791771	0.0061	No	0.004	No	0	20
Block A	10061-01-5	cis-1,3-Dichloropropene	mg/kg	0.776532354	0.0061	No	0.004	No	0	20
Block A	124-48-1	Dibromochloromethane	mg/kg	1.108864857	0.0061	No	0.004	No	0	20
Block A	75-71-8	Dichlorodifluoromethane	mg/kg	9.387910292	0.0061	No	0.004	No	0	20
Block A	84-66-2	Diethylphthalate	mg/kg	4888.247761	1.1	No	0.35	No	0	17
Block A	131-11-3	Dimethylphthalate	mg/kg	61000	1.1	No	0.35	No	0	17

Table H-2A
Detection Limit Evaluation - Chemicals Never Detected in Subsurface Soil

Area	CAS No.	Chemical	Units	PRG Resid. Soil (a)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Number of DLs Exceeding PRG	Sample Count
Block A	117-84-0	Di-n-octylphthalate	mg/kg	244.412388	1.1	No	0.35	No	0	17
Block A	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	1.1	Yes	0.35	Yes	17	17
Block A	87-68-3	Hexachlorobutadiene	mg/kg	1.8	1.1	No	0.35	No	0	17
Block A	77-47-4	Hexachlorocyclopentadiene	mg/kg	36.54874986	1.1	No	0.35	No	0	17
Block A	67-72-1	Hexachloroethane	mg/kg	34.74146517	1.1	No	0.35	No	0	17
Block A	78-59-1	Isophorone	mg/kg	511.9794868	1.1	No	0.35	No	0	17
Block A	79-20-9	Methyl acetate	mg/kg	2208.674401	0.012	No	0.0061	No	0	20
Block A	1634-04-4	Methyl-tert-butyl-ether	mg/kg	16.70074836	0.0061	No	0.004	No	0	20
Block A	98-95-3	Nitrobenzene	mg/kg	1.964120482	1.1	No	0.35	No	0	17
Block A	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.06948293	1.1	Yes	0.35	Yes	17	17
Block A	86-30-6	N-Nitrosodiphenylamine	mg/kg	99.26132907	1.1	No	0.35	No	0	17
Block A	95-48-7	o-Cresol (2-Methylphenol)	mg/kg	305.515485	1.1	No	0.35	No	0	17
Block A	39001-02-0	OCTACHLORODIBENZOFURAN	mg/kg	3.89857E-06	0.000002272	No	0.000000361	No	0	3
Block A	3268-87-9	OCTACHLORODIBENZO-P-DIOXIN	mg/kg	3.89857E-06	0.000020639	Yes	0.000004367	Yes	3	3
Block A	106-44-5	p-Cresol (4-Methylphenol)	mg/kg	30.5515485	1.1	No	0.35	No	0	17
Block A	87-86-5	Pentachlorophenol	mg/kg	2.978985095	5.5	Yes	1.8	No	1	17
Block A	108-95-2	Phenol	mg/kg	1833.09291	1.1	No	0.35	No	0	17
Block A	7440-22-4	Silver	mg/kg	39.10711227	1.3	No	1	No	0	17
Block A	100-42-5	Styrene	mg/kg	440	0.0061	No	0.004	No	0	20
Block A	7440-28-0	Thallium	mg/kg	0.51621428	58.1	Yes	1.1	Yes	17	17
Block A	156-60-5	trans-1,2-Dichloroethene	mg/kg	6.948962718	0.0061	No	0.004	No	0	20
Block A	10061-02-6	trans-1,3-Dichloropropene	mg/kg	0.776532354	0.0061	No	0.004	No	0	20
Block A	75-01-4	Vinyl chloride	mg/kg	0.079067784	0.0061	No	0.004	No	0	20
Southern Parcel (b)	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.407818604	0.59	Yes	0.004	No	5	130
Southern Parcel (b)	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	2100	0.59	No	0.004	No	0	130
Southern Parcel (b)	79-00-5	1,1,2-Trichloroethane	mg/kg	0.728625366	0.59	No	0.004	No	0	130
Southern Parcel (b)	75-34-3	1,1-Dichloroethane	mg/kg	50.63968328	0.59	No	0.004	No	0	130
Southern Parcel (b)	75-35-4	1,1-Dichloroethene	mg/kg	12.3530677	0.59	No	0.004	No	0	130
Southern Parcel (b)	120-82-1	1,2,4-Trichlorobenzene	mg/kg	6.215976296	0.59	No	0.004	No	0	130
Southern Parcel (b)	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	0.46	0.59	Yes	0.004	No	5	130
Southern Parcel (b)	106-93-4	1,2-Dibromoethane	mg/kg	0.032	0.59	Yes	0.004	No	5	130
Southern Parcel (b)	95-50-1	1,2-Dichlorobenzene	mg/kg	110	0.59	No	0.004	No	0	130
Southern Parcel (b)	107-06-2	1,2-Dichloroethane	mg/kg	0.277731051	0.59	Yes	0.004	No	5	130
Southern Parcel (b)	78-87-5	1,2-Dichloropropane	mg/kg	0.342162762	0.59	Yes	0.004	No	5	130
Southern Parcel (b)	108-60-1	2,2'-Oxybis(1-Chloropropane)	mg/kg	2.884215512	430	Yes	0.34	No	9	118
Southern Parcel (b)	95-95-4	2,4,5-Trichlorophenol	mg/kg	611.0309701	430	No	0.34	No	0	118
Southern Parcel (b)	88-06-2	2,4,6-Trichlorophenol	mg/kg	6.110309701	430	Yes	0.34	No	5	118
Southern Parcel (b)	120-83-2	2,4-Dichlorophenol	mg/kg	18.3309291	430	Yes	0.34	No	2	118
Southern Parcel (b)	105-67-9	2,4-Dimethylphenol	mg/kg	122.206194	430	Yes	0.34	No	1	118
Southern Parcel (b)	51-28-5	2,4-Dinitrophenol	mg/kg	12.2206194	2200	Yes	1.8	No	11	118
Southern Parcel (b)	121-14-2	2,4-Dinitrotoluene	mg/kg	12.2206194	430	Yes	0.34	No	2	118
Southern Parcel (b)	606-20-2	2,6-Dinitrotoluene	mg/kg	6.110309701	430	Yes	0.34	No	5	118
Southern Parcel (b)	91-58-7	2-Chloronaphthalene	mg/kg	493.6640536	430	No	0.34	No	0	118
Southern Parcel (b)	95-57-8	2-Chlorophenol	mg/kg	6.339845745	430	Yes	0.34	No	5	118
Southern Parcel (b)	591-78-6	2-Hexanone	mg/kg	528.0885751	1.2	No	0.008	No	0	130
Southern Parcel (b)	88-74-4	2-Nitroaniline	mg/kg	18.27722139	2200	Yes	1.7	No	8	118
Southern Parcel (b)	88-75-5	2-Nitrophenol	mg/kg	6.339845745	430	Yes	0.34	No	5	118
Southern Parcel (b)	91-94-1	3,3'-Dichlorobenzidine	mg/kg	1.080845583	430	Yes	0.34	No	17	118

Table H-2A
Detection Limit Evaluation - Chemicals Never Detected in Subsurface Soil

Area	CAS No.	Chemical	Units	PRG Resid. Soil (a)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Number of DLs Exceeding PRG	Sample Count
Southern Parcel (b)	99-09-2	3-Nitroaniline	mg/kg	1.83309291	2200	Yes	1.7	No	100	118
Southern Parcel (b)	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	2200	Yes	1.8	Yes	116	118
Southern Parcel (b)	101-55-3	4-Bromophenylphenyl ether	mg/kg		430	NA	0.34	NA		118
Southern Parcel (b)	59-50-7	4-Chloro-3-methylphenol	mg/kg		430	NA	0.34	NA		118
Southern Parcel (b)	106-47-8	4-Chloroaniline	mg/kg	24.4412388	430	Yes	0.34	No	2	118
Southern Parcel (b)	7005-72-3	4-Chlorophenylphenyl ether	mg/kg		430	NA	0.34	NA		118
Southern Parcel (b)	100-01-6	4-Nitroaniline	mg/kg	23.16097678	2200	Yes	1.7	No	5	118
Southern Parcel (b)	100-02-7	4-Nitrophenol	mg/kg	6.339845745	2200	Yes	1.8	No	16	118
Southern Parcel (b)	12674-11-2	Aroclor 1016	mg/kg	0.39330823	0.38	No	0.034	No	0	118
Southern Parcel (b)	11104-28-2	Aroclor 1221	mg/kg	0.11	0.77	Yes	0.069	No	6	118
Southern Parcel (b)	11141-16-5	Aroclor 1232	mg/kg	0.11	0.38	Yes	0.034	No	4	118
Southern Parcel (b)	53469-21-9	Aroclor 1242	mg/kg	0.11	0.38	Yes	0.034	No	4	118
Southern Parcel (b)	1912-24-9	Atrazine	mg/kg	2.190904294	430	Yes	0.34	No	12	118
Southern Parcel (b)	100-52-7	Benzaldehyde	mg/kg	611.0309701	430	No	0.34	No	0	118
Southern Parcel (b)	111-91-1	Bis(2-Chloroethoxy)methane	mg/kg		430	NA	0.34	NA		118
Southern Parcel (b)	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	430	Yes	0.34	Yes	118	118
Southern Parcel (b)	75-27-4	Bromodichloromethane	mg/kg	0.824275042	0.59	No	0.004	No	0	130
Southern Parcel (b)	75-25-2	Bromoform	mg/kg	61.56888849	0.59	No	0.004	No	0	130
Southern Parcel (b)	74-83-9	Bromomethane	mg/kg	0.389656117	0.59	Yes	0.004	No	5	130
Southern Parcel (b)	85-68-7	Butylbenzylphthalate	mg/kg	1222.06194	430	No	0.34	No	0	118
Southern Parcel (b)	105-60-2	Caprolactam	mg/kg	3055.15485	430	No	0.34	No	0	118
Southern Parcel (b)	56-23-5	Carbon tetrachloride	mg/kg	0.251246068	0.59	Yes	0.004	No	5	130
Southern Parcel (b)	75-00-3	Chloroethane	mg/kg	3.025815812	1.2	No	0.008	No	0	130
Southern Parcel (b)	75-00-3	Chloroethane	mg/kg	3.025815812	1.2	No	0.008	No	0	130
Southern Parcel (b)	67-66-3	Chloroform	mg/kg	0.220791771	0.59	Yes	0.004	No	5	130
Southern Parcel (b)	156-59-2	cis-1,2-Dichloroethene	mg/kg	4.294190036	0.59	No	0.004	No	0	130
Southern Parcel (b)	10061-01-5	cis-1,3-Dichloropropene	mg/kg	0.776532354	0.59	No	0.004	No	0	130
Southern Parcel (b)	124-48-1	Dibromochloromethane	mg/kg	1.108884857	0.59	No	0.004	No	0	130
Southern Parcel (b)	75-71-8	Dichlorodifluoromethane	mg/kg	9.387910292	0.59	No	0.004	No	0	130
Southern Parcel (b)	84-66-2	Diethylphthalate	mg/kg	4888.247761	430	No	0.34	No	0	118
Southern Parcel (b)	131-11-3	Dimethylphthalate	mg/kg	61000	430	No	0.34	No	0	118
Southern Parcel (b)	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	430	Yes	0.34	Yes	118	118
Southern Parcel (b)	87-68-3	Hexachlorobutadiene	mg/kg	1.8	430	Yes	0.34	No	13	118
Southern Parcel (b)	77-47-4	Hexachlorocyclopentadiene	mg/kg	36.54874986	430	Yes	0.34	No	2	118
Southern Parcel (b)	67-72-1	Hexachloroethane	mg/kg	34.74146517	430	Yes	0.34	No	2	118
Southern Parcel (b)	78-59-1	Isophorone	mg/kg	511.9794868	430	No	0.34	No	0	118
Southern Parcel (b)	1634-04-4	Methyl-tert-butyl-ether	mg/kg	16.70074636	0.59	No	0.004	No	0	130
Southern Parcel (b)	98-95-3	Nitrobenzene	mg/kg	1.984120482	430	Yes	0.34	No	13	118
Southern Parcel (b)	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.06948293	430	Yes	0.34	Yes	118	118
Southern Parcel (b)	86-30-6	N-Nitrosodiphenylamine	mg/kg	99.26132907	430	Yes	0.34	No	1	118
Southern Parcel (b)	87-86-5	Pentachlorophenol	mg/kg	2.978985095	2200	Yes	1.8	No	25	118
Southern Parcel (b)	7440-28-0	Thallium	mg/kg	0.51621428	64.2	Yes	0.98	Yes	116	118
Southern Parcel (b)	156-60-5	trans-1,2-Dichloroethene	mg/kg	6.948962718	0.59	No	0.004	No	0	130
Southern Parcel (b)	10061-02-6	trans-1,3-Dichloropropene	mg/kg	0.776532354	0.59	No	0.004	No	0	130
Southern Parcel (b)	75-01-4	Vinyl chloride	mg/kg	0.079087784	0.59	Yes	0.004	No	5	130

Notes:
DL - Detection Limit.

Table H-2A
Detection Limit Evaluation - Chemicals Never Detected in Subsurface Soil

Area	CAS No.	Chemical	Units	PRG Resid. Soil (a)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Number of DLs Exceeding PRG	Sample Count

(a) - EPA Region 9 PRG for residential soil. PRGs for noncarcinogens are divided by 10 (HQ = 0.1).
(b) - All of Southern Parcel except AOC 13.

Table H-2B
Detection Limit Evaluation - Chemicals Never Detected in Subsurface Soil - Maximum DL Exceeds

Area	CAS No.	Chemical	Units	PRG Resid. Soil (a)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Number of DLs Exceeding PRG	Sample Count
AOC 1	71-55-6	1,1,1-Trichloroethane	mg/kg	200	440	Yes	0.0045	No	1	25
AOC 1	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.407618604	440	Yes	0.0045	No	4	25
AOC 1	79-00-5	1,1,2-Trichloroethane	mg/kg	0.728625386	440	Yes	0.0045	No	2	25
AOC 1	75-34-3	1,1-Dichloroethane	mg/kg	50.63988328	440	Yes	0.0045	No	1	25
AOC 1	75-35-4	1,1-Dichloroethene	mg/kg	12.3530677	440	Yes	0.0045	No	1	25
AOC 1	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	0.46	440	Yes	0.0045	No	4	25
AOC 1	106-93-4	1,2-Dibromoethane	mg/kg	0.032	440	Yes	0.0045	No	3	25
AOC 1	107-06-2	1,2-Dichloroethane	mg/kg	0.277731051	440	Yes	0.0045	No	3	25
AOC 1	78-87-5	1,2-Dichloropropane	mg/kg	0.342162762	440	Yes	0.0045	No	3	25
AOC 1	106-46-7	1,4-Dichlorobenzene	mg/kg	3.446542497	440	Yes	0.0045	No	1	25
AOC 1	108-60-1	2,2'-Oxybis(1-Chloropropane)	mg/kg	2.884215512	79	Yes	0.35	No	2	17
AOC 1	88-06-2	2,4,6-Trichlorophenol	mg/kg	6.110309701	79	Yes	0.35	No	1	17
AOC 1	120-83-2	2,4-Dichlorophenol	mg/kg	18.3309291	79	Yes	0.35	No	1	17
AOC 1	51-28-5	2,4-Dinitrophenol	mg/kg	12.2206194	410	Yes	1.8	No	2	17
AOC 1	121-14-2	2,4-Dinitrotoluene	mg/kg	12.2206194	79	Yes	0.35	No	1	17
AOC 1	606-20-2	2,6-Dinitrotoluene	mg/kg	6.110309701	79	Yes	0.35	No	1	17
AOC 1	95-57-8	2-Chlorophenol	mg/kg	6.339845745	79	Yes	0.35	No	1	17
AOC 1	88-74-4	2-Nitroaniline	mg/kg	18.27722139	410	Yes	1.8	No	2	17
AOC 1	88-75-5	2-Nitrophenol	mg/kg	6.339845745	79	Yes	0.35	No	1	17
AOC 1	91-94-1	3,3'-Dichlorobenzidine	mg/kg	1.080845583	79	Yes	0.35	No	3	17
AOC 1	99-09-2	3-Nitroaniline	mg/kg	1.83309291	410	Yes	1.8	No	15	17
AOC 1	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.81103097	410	Yes	1.8	Yes	17	17
AOC 1	106-47-8	4-Chloroaniline	mg/kg	24.4412388	79	Yes	0.35	No	1	17
AOC 1	100-01-6	4-Nitroaniline	mg/kg	23.16097678	410	Yes	1.8	No	1	17
AOC 1	100-02-7	4-Nitrophenol	mg/kg	6.339845745	410	Yes	1.8	No	2	17
AOC 1	7440-36-0	Antimony	mg/kg	3.128571233	8.8	Yes	6.2	Yes	17	17
AOC 1	12674-11-2	Aroclor 1016	mg/kg	0.39330823	4.5	Yes	0.035	No	2	17
AOC 1	11104-28-2	Aroclor 1221	mg/kg	0.11	9.2	Yes	0.07	No	5	17
AOC 1	11141-16-5	Aroclor 1232	mg/kg	0.11	4.5	Yes	0.035	No	4	17
AOC 1	53469-21-9	Aroclor 1242	mg/kg	0.11	4.5	Yes	0.035	No	4	17
AOC 1	1912-24-9	Atrazine	mg/kg	2.190904294	79	Yes	0.35	No	2	17
AOC 1	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	79	Yes	0.35	Yes	17	17
AOC 1	75-27-4	Bromodichloromethane	mg/kg	0.824275042	440	Yes	0.0045	No	2	25
AOC 1	75-25-2	Bromoform	mg/kg	61.56888849	440	Yes	0.0045	No	1	25
AOC 1	74-83-9	Bromomethane	mg/kg	0.389656117	440	Yes	0.0045	No	3	25
AOC 1	56-23-5	Carbon tetrachloride	mg/kg	0.251246068	440	Yes	0.0045	No	3	25
AOC 1	75-00-3	Chloroethane	mg/kg	3.025815812	870	Yes	0.0089	No	2	25
AOC 1	75-00-3	Chloroethane	mg/kg	3.025815812	870	Yes	0.0089	No	2	25
AOC 1	67-66-3	Chloroform	mg/kg	0.220791771	440	Yes	0.0045	No	3	25
AOC 1	74-87-3	Chloromethane	mg/kg	4.685346206	440	Yes	0.0045	No	1	25
AOC 1	156-59-2	cis-1,2-Dichloroethene	mg/kg	4.294190036	440	Yes	0.0045	No	1	25
AOC 1	10061-01-5	cis-1,3-Dichloropropene	mg/kg	0.776532354	440	Yes	0.0045	No	2	25
AOC 1	124-48-1	Dibromochloromethane	mg/kg	1.108864857	440	Yes	0.0045	No	1	25
AOC 1	75-71-8	Dichlorodifluoromethane	mg/kg	9.387910292	440	Yes	0.0045	No	1	25
AOC 1	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	79	Yes	0.35	Yes	17	17
AOC 1	87-68-3	Hexachlorobutadiene	mg/kg	1.8	79	Yes	0.35	No	2	17
AOC 1	77-47-4	Hexachlorocyclopentadiene	mg/kg	36.54874986	79	Yes	0.35	No	1	17
AOC 1	67-72-1	Hexachloroethane	mg/kg	34.74146517	79	Yes	0.35	No	1	17

Table H-2B
Detection Limit Evaluation - Chemicals Never Detected in Subsurface Soil - Maximum DL Exceeds

Area	CAS No.	Chemical	Units	PRG Resid. Soil (a)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Number of DLs Exceeding PRG	Sample Count
AOC 1	1634-04-4	Methyl-tert-butyl-ether	mg/kg	16.70074836	440	Yes	0.0045	No	1	25
AOC 1	98-95-3	Nitrobenzene	mg/kg	1.964120482	79	Yes	0.35	No	2	17
AOC 1	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.06948293	79	Yes	0.35	Yes	17	17
AOC 1	39001-02-0	OCTACHLORODIBENZOFURAN	mg/kg	3.89857E-06	0.000004174	Yes	0.000000114	No	1	5
AOC 1	87-86-5	Pentachlorophenol	mg/kg	2.976985095	410	Yes	1.8	No	3	17
AOC 1	127-18-4	Tetrachloroethene	mg/kg	0.483591399	440	Yes	0.0045	No	3	25
AOC 1	156-60-5	trans-1,2-Dichloroethene	mg/kg	6.948962718	440	Yes	0.0045	No	1	25
AOC 1	79-01-6	Trichloroethene	mg/kg	0.052983337	440	Yes	0.0045	No	3	25
AOC 1	75-69-4	Trichlorofluoromethane	mg/kg	38.58178986	440	Yes	0.0045	No	1	25
AOC 1	75-01-4	Vinyl chloride	mg/kg	0.079067784	440	Yes	0.0045	No	3	25
AOC 13	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.407618604	76	Yes	0.0042	No	3	51
AOC 13	79-00-5	1,1,2-Trichloroethane	mg/kg	0.728625386	76	Yes	0.0042	No	2	51
AOC 13	75-34-3	1,1-Dichloroethane	mg/kg	50.63968328	76	Yes	0.0042	No	1	51
AOC 13	75-35-4	1,1-Dichloroethene	mg/kg	12.3530877	76	Yes	0.0042	No	2	51
AOC 13	120-82-1	1,2,4-Trichlorobenzene	mg/kg	6.215976296	76	Yes	0.0042	No	2	51
AOC 13	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	0.46	76	Yes	0.0042	No	3	51
AOC 13	106-93-4	1,2-Dibromoethane	mg/kg	0.032	76	Yes	0.0042	No	3	51
AOC 13	107-06-2	1,2-Dichloroethane	mg/kg	0.277731051	76	Yes	0.0042	No	3	51
AOC 13	78-87-5	1,2-Dichloropropane	mg/kg	0.342162762	76	Yes	0.0042	No	3	51
AOC 13	541-73-1	1,3-Dichlorobenzene	mg/kg	53.13493772	76	Yes	0.0042	No	1	51
AOC 13	106-46-7	1,4-Dichlorobenzene	mg/kg	3.448542497	76	Yes	0.0042	No	2	51
AOC 13	108-60-1	2,2'-Oxybis(1-Chloropropane)	mg/kg	2.884215512	3100	Yes	0.34	No	5	51
AOC 13	95-95-4	2,4,5-Trichlorophenol	mg/kg	611.0309701	3100	Yes	0.34	No	1	51
AOC 13	88-06-2	2,4,6-Trichlorophenol	mg/kg	6.110309701	3100	Yes	0.34	No	2	51
AOC 13	120-83-2	2,4-Dichlorophenol	mg/kg	18.3309291	3100	Yes	0.34	No	2	51
AOC 13	51-28-5	2,4-Dinitrophenol	mg/kg	12.2206194	16000	Yes	1.8	No	6	51
AOC 13	121-14-2	2,4-Dinitrotoluene	mg/kg	12.2206194	3100	Yes	0.34	No	2	51
AOC 13	606-20-2	2,6-Dinitrotoluene	mg/kg	6.110309701	3100	Yes	0.34	No	2	51
AOC 13	91-58-7	2-Chloronaphthalene	mg/kg	493.6640536	3100	Yes	0.34	No	1	51
AOC 13	95-57-8	2-Chlorophenol	mg/kg	6.339845745	3100	Yes	0.34	No	2	51
AOC 13	88-74-4	2-Nitroaniline	mg/kg	18.27722139	16000	Yes	1.8	No	5	51
AOC 13	88-75-5	2-Nitrophenol	mg/kg	6.339845745	3100	Yes	0.34	No	2	51
AOC 13	91-94-1	3,3'-Dichlorobenzidine	mg/kg	1.080845583	3100	Yes	0.34	No	10	51
AOC 13	99-09-2	3-Nitroaniline	mg/kg	1.83309291	16000	Yes	1.8	No	32	51
AOC 13	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	16000	Yes	1.8	Yes	48	51
AOC 13	106-47-8	4-Chloroaniline	mg/kg	24.4412388	3100	Yes	0.34	No	2	51
AOC 13	100-01-6	4-Nitroaniline	mg/kg	23.16097678	16000	Yes	1.8	No	3	51
AOC 13	100-02-7	4-Nitrophenol	mg/kg	6.339845745	16000	Yes	1.8	No	9	51
AOC 13	7440-36-0	Antimony	mg/kg	3.128571233	9.5	Yes	3.1	No	49	51
AOC 13	12674-11-2	Aroclor 1016	mg/kg	0.39330823	12	Yes	0.034	No	2	51
AOC 13	11104-28-2	Aroclor 1221	mg/kg	0.11	23	Yes	0.069	No	7	51
AOC 13	11141-16-5	Aroclor 1232	mg/kg	0.11	12	Yes	0.034	No	7	51
AOC 13	53469-21-9	Aroclor 1242	mg/kg	0.11	12	Yes	0.034	No	7	51
AOC 13	11097-69-1	Aroclor 1254	mg/kg	0.11	12	Yes	0.034	No	7	51
AOC 13	1912-24-9	Atrazine	mg/kg	2.190904294	3100	Yes	0.34	No	6	51
AOC 13	100-52-7	Benzaldehyde	mg/kg	611.0309701	16000	Yes	1.8	No	1	51
AOC 13	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	3100	Yes	0.34	Yes	51	51
AOC 13	75-27-4	Bromodichloromethane	mg/kg	0.824275042	76	Yes	0.0042	No	2	51

Table H-2B
Detection Limit Evaluation - Chemicals Never Detected In Subsurface Soil - Maximum DL Exceeds

Area	CAS No.	Chemical	Units	PRG Resid. Soil (a)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Number of DLs Exceeding PRG	Sample Count
AOC 13	75-25-2	Bromoform	mg/kg	61.56888849	76	Yes	0.0042	No	1	51
AOC 13	74-83-9	Bromomethane	mg/kg	0.389656117	76	Yes	0.0042	No	3	51
AOC 13	85-68-7	Butylbenzylphthalate	mg/kg	1222.06194	3100	Yes	0.34	No	1	51
AOC 13	105-60-2	Caprolactam	mg/kg	3055.15485	3100	Yes	0.34	No	1	51
AOC 13	56-23-5	Carbon tetrachloride	mg/kg	0.251246068	76	Yes	0.0042	No	3	51
AOC 13	108-90-7	Chlorobenzene	mg/kg	15.06578627	76	Yes	0.0042	No	2	51
AOC 13	75-00-3	Chloroethane	mg/kg	3.025815812	150	Yes	0.0085	No	4	51
AOC 13	75-00-3	Chloroethane	mg/kg	3.025815812	150	Yes	0.0085	No	4	51
AOC 13	67-66-3	Chloroform	mg/kg	0.220791771	76	Yes	0.0042	No	3	51
AOC 13	74-87-3	Chloromethane	mg/kg	4.685346206	76	Yes	0.0042	No	2	51
AOC 13	156-59-2	cis-1,2-Dichloroethene	mg/kg	4.294190036	76	Yes	0.0042	No	2	51
AOC 13	10061-01-5	cis-1,3-Dichloropropene	mg/kg	0.776532354	76	Yes	0.0042	No	2	51
AOC 13	124-48-1	Dibromochloromethane	mg/kg	1.108864857	76	Yes	0.0042	No	2	51
AOC 13	75-71-8	Dichlorodifluoromethane	mg/kg	9.387910292	76	Yes	0.0042	No	2	51
AOC 13	117-84-0	Di-n-octylphthalate	mg/kg	244.412388	3100	Yes	0.34	No	1	51
AOC 13	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	3100	Yes	0.34	Yes	51	51
AOC 13	87-68-3	Hexachlorobutadiene	mg/kg	1.8	3100	Yes	0.34	No	8	51
AOC 13	77-47-4	Hexachlorocyclopentadiene	mg/kg	36.54874986	3100	Yes	0.34	No	2	51
AOC 13	67-72-1	Hexachloroethane	mg/kg	34.74146517	3100	Yes	0.34	No	2	51
AOC 13	78-59-1	Isophorone	mg/kg	511.9794868	3100	Yes	0.34	No	1	51
AOC 13	1634-04-4	Methyl-tert-butyl-ether	mg/kg	16.70074836	76	Yes	0.0042	No	2	51
AOC 13	98-95-3	Nitrobenzene	mg/kg	1.964120482	3100	Yes	0.34	No	7	51
AOC 13	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.06948293	3100	Yes	0.34	Yes	51	51
AOC 13	86-30-6	N-Nitrosodiphenylamine	mg/kg	99.26132907	3100	Yes	0.34	No	1	51
AOC 13	87-86-5	Pentachlorophenol	mg/kg	2.978985095	16000	Yes	1.8	No	10	51
AOC 13	127-18-4	Tetrachloroethene	mg/kg	0.483591399	76	Yes	0.0042	No	3	51
AOC 13	156-60-5	trans-1,2-Dichloroethene	mg/kg	6.948962718	76	Yes	0.0042	No	2	51
AOC 13	10061-02-6	trans-1,3-Dichloropropene	mg/kg	0.776532354	76	Yes	0.0042	No	2	51
AOC 13	75-01-4	Vinyl chloride	mg/kg	0.079067784	76	Yes	0.0042	No	3	51
AOC 18 and AOC 21	99-09-2	3-Nitroaniline	mg/kg	1.83309291	1.9	Yes	0.34	No	2	17
AOC 18 and AOC 21	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	1.9	Yes	0.69	Yes	17	17
AOC 18 and AOC 21	7440-36-0	Antimony	mg/kg	3.128571233	8	Yes	2.39	No	13	24
AOC 18 and AOC 21	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	0.41	Yes	0.34	Yes	17	17
AOC 18 and AOC 21	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	0.41	Yes	0.34	Yes	17	17
AOC 18 and AOC 21	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.06948293	0.41	Yes	0.34	Yes	17	17
AOC 19	7440-36-0	Antimony	mg/kg	3.128571233	8.9	Yes	6	Yes	18	18
AOC 2	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	0.82	Yes	0.69	Yes	10	11
AOC 2	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	0.42	Yes	0.34	Yes	11	11
AOC 2	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	0.42	Yes	0.34	Yes	11	11
AOC 2	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.06948293	0.42	Yes	0.34	Yes	11	11
Block A	91-94-1	3,3'-Dichlorobenzidine	mg/kg	1.080845583	1.1	Yes	0.35	No	1	17
Block A	99-09-2	3-Nitroaniline	mg/kg	1.83309291	5.5	Yes	1.8	No	15	17
Block A	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	5.5	Yes	1.8	Yes	15	17
Block A	7440-36-0	Antimony	mg/kg	3.128571233	7.7	Yes	6.1	Yes	15	17
Block A	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	1.1	Yes	0.35	Yes	17	17
Block A	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	1.1	Yes	0.35	Yes	17	17
Block A	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.06948293	1.1	Yes	0.35	Yes	17	17
Block A	3268-87-9	OCTACHLORODIBENZO-P-DIOXIN	mg/kg	3.69857E-06	0.000020839	Yes	0.000004367	Yes	3	3

Table H-2B
Detection Limit Evaluation - Chemicals Never Detected in Subsurface Soil - Maximum DL Exceeds

Area	CAS No.	Chemical	Units	PRG Resid. Soil (a)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Number of DLs Exceeding PRG	Sample Count
Block A	87-86-5	Pentachlorophenol	mg/kg	2.978985095	5.5	Yes	1.8	No	1	17
Block A	7440-28-0	Thallium	mg/kg	0.51621428	58.1	Yes	1.1	Yes	17	17
Southern Parcel (b)	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.407818604	0.59	Yes	0.004	No	5	130
Southern Parcel (b)	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	0.46	0.59	Yes	0.004	No	5	130
Southern Parcel (b)	106-93-4	1,2-Dibromoethane	mg/kg	0.032	0.59	Yes	0.004	No	5	130
Southern Parcel (b)	107-06-2	1,2-Dichloroethane	mg/kg	0.277731051	0.59	Yes	0.004	No	5	130
Southern Parcel (b)	78-87-5	1,2-Dichloropropane	mg/kg	0.342162762	0.59	Yes	0.004	No	5	130
Southern Parcel (b)	108-60-1	2,2'-Oxybis(1-Chloropropane)	mg/kg	2.884215512	430	Yes	0.34	No	9	118
Southern Parcel (b)	88-06-2	2,4,6-Trichlorophenol	mg/kg	6.110309701	430	Yes	0.34	No	5	118
Southern Parcel (b)	120-83-2	2,4-Dichlorophenol	mg/kg	18.3309291	430	Yes	0.34	No	2	118
Southern Parcel (b)	105-67-9	2,4-Dimethylphenol	mg/kg	122.206194	430	Yes	0.34	No	1	118
Southern Parcel (b)	51-28-5	2,4-Dinitrophenol	mg/kg	12.2206194	2200	Yes	1.8	No	11	118
Southern Parcel (b)	121-14-2	2,4-Dinitrotoluene	mg/kg	12.2206194	430	Yes	0.34	No	2	118
Southern Parcel (b)	606-20-2	2,6-Dinitrotoluene	mg/kg	6.110309701	430	Yes	0.34	No	5	118
Southern Parcel (b)	95-57-8	2-Chlorophenol	mg/kg	6.339845745	430	Yes	0.34	No	5	118
Southern Parcel (b)	88-74-4	2-Nitroaniline	mg/kg	18.27722139	2200	Yes	1.7	No	8	118
Southern Parcel (b)	88-75-5	2-Nitrophenol	mg/kg	6.339845745	430	Yes	0.34	No	5	118
Southern Parcel (b)	91-94-1	3,3'-Dichlorobenzidine	mg/kg	1.080845583	430	Yes	0.34	No	17	118
Southern Parcel (b)	99-09-2	3-Nitroaniline	mg/kg	1.83309291	2200	Yes	1.7	No	100	118
Southern Parcel (b)	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	2200	Yes	1.8	Yes	116	118
Southern Parcel (b)	106-47-8	4-Chloroaniline	mg/kg	24.4412388	430	Yes	0.34	No	2	118
Southern Parcel (b)	100-01-6	4-Nitroaniline	mg/kg	23.16097678	2200	Yes	1.7	No	5	118
Southern Parcel (b)	100-02-7	4-Nitrophenol	mg/kg	6.339845745	2200	Yes	1.8	No	16	118
Southern Parcel (b)	11104-28-2	Aroclor 1221	mg/kg	0.11	0.77	Yes	0.069	No	6	118
Southern Parcel (b)	11141-16-5	Aroclor 1232	mg/kg	0.11	0.38	Yes	0.034	No	4	118
Southern Parcel (b)	53469-21-9	Aroclor 1242	mg/kg	0.11	0.38	Yes	0.034	No	4	118
Southern Parcel (b)	1912-24-9	Atrazine	mg/kg	2.190904294	430	Yes	0.34	No	12	118
Southern Parcel (b)	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	430	Yes	0.34	Yes	116	118
Southern Parcel (b)	74-83-9	Bromomethane	mg/kg	0.389656117	0.59	Yes	0.004	No	5	130
Southern Parcel (b)	56-23-5	Carbon tetrachloride	mg/kg	0.251246068	0.59	Yes	0.004	No	5	130
Southern Parcel (b)	67-66-3	Chloroform	mg/kg	0.220791771	0.59	Yes	0.004	No	5	130
Southern Parcel (b)	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	430	Yes	0.34	Yes	118	118
Southern Parcel (b)	87-68-3	Hexachlorobutadiene	mg/kg	1.8	430	Yes	0.34	No	13	118
Southern Parcel (b)	77-47-4	Hexachlorocyclopentadiene	mg/kg	36.54874986	430	Yes	0.34	No	2	118
Southern Parcel (b)	67-72-1	Hexachloroethane	mg/kg	34.74148517	430	Yes	0.34	No	2	118
Southern Parcel (b)	98-95-3	Nitrobenzene	mg/kg	1.964120482	430	Yes	0.34	No	13	118
Southern Parcel (b)	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.06948293	430	Yes	0.34	Yes	118	118
Southern Parcel (b)	86-30-6	N-Nitrosodiphenylamine	mg/kg	99.28132907	430	Yes	0.34	No	1	118
Southern Parcel (b)	87-86-5	Pentachlorophenol	mg/kg	2.978985095	2200	Yes	1.8	No	25	118
Southern Parcel (b)	7440-28-0	Thallium	mg/kg	0.51621428	64.2	Yes	0.98	Yes	118	118
Southern Parcel (b)	75-01-4	Vinyl chloride	mg/kg	0.079067784	0.59	Yes	0.004	No	5	130

Notes:
DL - Detection Limit.
(a) - EPA Region 9 PRG for residential soil. PRGs for noncarcinogens are divided by 10 (HQ = 0.1).
(b) - All of Southern Parcel except AOC 13.

Table H-2C
Detection Limit Evaluation - Chemicals Never Detected in Subsurface Soil - Minimum DL Exceeds

Area	CAS No.	Chemical	Units	PRG Resid. Soil (a)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Ratio of Exceedance	Number of DLs Exceeding PRG	Sample Count
AOC 1	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	410	Yes	1.8	Yes	2.9	17	17
AOC 1	7440-36-0	Antimony	mg/kg	3.128571233	8.8	Yes	6.2	Yes	2.0	17	17
AOC 1	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	79	Yes	0.35	Yes	1.6	17	17
AOC 1	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	79	Yes	0.35	Yes	1.2	17	17
AOC 1	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.06948293	79	Yes	0.35	Yes	5.0	17	17
AOC 13	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	16000	Yes	1.8	Yes	2.9	48	51
AOC 13	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	3100	Yes	0.34	Yes	1.6	51	51
AOC 13	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	3100	Yes	0.34	Yes	1.1	51	51
AOC 13	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.06948293	3100	Yes	0.34	Yes	4.9	51	51
AOC 18 and AOC 21	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	1.9	Yes	0.69	Yes	1.1	17	17
AOC 18 and AOC 21	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	0.41	Yes	0.34	Yes	1.6	17	17
AOC 18 and AOC 21	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	0.41	Yes	0.34	Yes	1.1	17	17
AOC 18 and AOC 21	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.06948293	0.41	Yes	0.34	Yes	4.9	17	17
AOC 19	7440-36-0	Antimony	mg/kg	3.128571233	8.9	Yes	6	Yes	1.9	18	18
AOC 2	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	0.82	Yes	0.69	Yes	1.1	10	11
AOC 2	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	0.42	Yes	0.34	Yes	1.6	11	11
AOC 2	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	0.42	Yes	0.34	Yes	1.1	11	11
AOC 2	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.06948293	0.42	Yes	0.34	Yes	4.9	11	11
Block A	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	5.5	Yes	1.8	Yes	2.9	15	17
Block A	7440-36-0	Antimony	mg/kg	3.128571233	7.7	Yes	6.1	Yes	1.9	15	17
Block A	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	1.1	Yes	0.35	Yes	1.6	17	17
Block A	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	1.1	Yes	0.35	Yes	1.2	17	17
Block A	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.06948293	1.1	Yes	0.35	Yes	5.0	17	17
Block A	3268-87-9	OCTACHLORODIBENZO-P-DIOXIN	mg/kg	3.89857E-06	2.0639E-05	Yes	4.367E-06	Yes	1.1	3	3
Block A	7440-28-0	Thallium	mg/kg	0.51621428	58.1	Yes	1.1	Yes	2.1	17	17
Southern Parcel (b)	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	2200	Yes	1.8	Yes	2.9	118	118
Southern Parcel (b)	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	430	Yes	0.34	Yes	1.6	118	118
Southern Parcel (b)	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	430	Yes	0.34	Yes	1.1	118	118
Southern Parcel (b)	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.06948293	430	Yes	0.34	Yes	4.9	118	118
Southern Parcel (b)	7440-28-0	Thallium	mg/kg	0.51621428	64.2	Yes	0.98	Yes	1.9	118	118

Notes:
DL - Detection Limit.
(a) - EPA Region 9 PRG for residential soil. PRGs for noncarcinogens are divided by 10 (HQ = 0.1).
(b) - All of Southern Parcel except AOC 13.

Table H-2D
Detection Limit Evaluation - Chemicals Never Detected in Subsurface Soil - Constituents Lacking Screening Levels

Area	CAS No.	Chemical	Units	PRG Resid. Soil (a)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Number of DLs Exceeding PRG	Sample Quant.
AOC 1	101-55-3	4-Bromophenylphenyl ether	mg/kg		79	NA	0.35	NA		17
AOC 1	59-50-7	4-Chloro-3-methylphenol	mg/kg		79	NA	0.35	NA		17
AOC 1	7005-72-3	4-Chlorophenylphenyl ether	mg/kg		79	NA	0.35	NA		17
AOC 1	111-91-1	Bis(2-Chloroethoxy)methane	mg/kg		79	NA	0.35	NA		17
AOC 13	101-55-3	4-Bromophenylphenyl ether	mg/kg		3100	NA	0.34	NA		51
AOC 13	59-50-7	4-Chloro-3-methylphenol	mg/kg		3100	NA	0.34	NA		51
AOC 13	7005-72-3	4-Chlorophenylphenyl ether	mg/kg		3100	NA	0.34	NA		51
AOC 13	111-91-1	Bis(2-Chloroethoxy)methane	mg/kg		3100	NA	0.34	NA		51
AOC 18 and AOC 21	101-55-3	4-Bromophenylphenyl ether	mg/kg		0.41	NA	0.34	NA		17
AOC 18 and AOC 21	59-50-7	4-Chloro-3-methylphenol	mg/kg		0.41	NA	0.34	NA		17
AOC 18 and AOC 21	7005-72-3	4-Chlorophenylphenyl ether	mg/kg		0.41	NA	0.34	NA		17
AOC 18 and AOC 21	111-91-1	Bis(2-Chloroethoxy)methane	mg/kg		0.41	NA	0.34	NA		17
AOC 18 and AOC 21	26523-64-8	TRICHLOROTRIFLUOROETHANE	mg/kg		0.0062	NA	0.0045	NA		11
AOC 2	101-55-3	4-Bromophenylphenyl ether	mg/kg		0.42	NA	0.34	NA		11
AOC 2	59-50-7	4-Chloro-3-methylphenol	mg/kg		0.41	NA	0.34	NA		11
AOC 2	7005-72-3	4-Chlorophenylphenyl ether	mg/kg		0.42	NA	0.34	NA		11
AOC 2	111-91-1	Bis(2-Chloroethoxy)methane	mg/kg		0.42	NA	0.34	NA		11
AOC 2	26523-64-8	TRICHLOROTRIFLUOROETHANE	mg/kg		0.015	NA	0.0052	NA		7
Block A	101-55-3	4-Bromophenylphenyl ether	mg/kg		1.1	NA	0.35	NA		17
Block A	59-50-7	4-Chloro-3-methylphenol	mg/kg		1.1	NA	0.35	NA		17
Block A	7005-72-3	4-Chlorophenylphenyl ether	mg/kg		1.1	NA	0.35	NA		17
Block A	111-91-1	Bis(2-Chloroethoxy)methane	mg/kg		1.1	NA	0.35	NA		17
Southern Parcel (b)	101-55-3	4-Bromophenylphenyl ether	mg/kg		430	NA	0.34	NA		118
Southern Parcel (b)	59-50-7	4-Chloro-3-methylphenol	mg/kg		430	NA	0.34	NA		118
Southern Parcel (b)	7005-72-3	4-Chlorophenylphenyl ether	mg/kg		430	NA	0.34	NA		118
Southern Parcel (b)	111-91-1	Bis(2-Chloroethoxy)methane	mg/kg		430	NA	0.34	NA		118

Notes:
DL - Detection Limit.
(a) - EPA Region 9 PRG for residential soil. PRGs for noncarcinogens are divided by 10 (HQ = 0.1).
(b) - All of Southern Parcel except AOC 13.

Table H-3A
Detection Limit Evaluation - Chemicals Never Detected in Groundwater

Area	CAS No.	Chemical	Units	PRG	MQL	Minimum Screening Level	Maximum DL	Maximum DL Exceeds?	Minimum DL	Minimum DL Exceeds?	Number of DLs Exceeding	Sample Count
site-wide	71-55-6	1,1,1-Trichloroethane	ug/l	317.1724138	200	200	200	No	1	No	0	30
site-wide	79-34-5	1,1,2,2-Tetrachloroethane	ug/l	0.055338246		0.055338246	200	Yes	1	Yes	30	30
site-wide	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	5917.985748		5917.985748	200	No	1	No	0	30
site-wide	79-00-5	1,1,2-Trichloroethane	ug/l	0.199513188	5	0.199513188	200	Yes	1	Yes	30	30
site-wide	75-34-3	1,1-Dichloroethane	ug/l	81.11111111		81.11111111	200	Yes	1	No	1	30
site-wide	75-35-4	1,1-Dichloroethene	ug/l	33.88436482	7	7	200	Yes	1	No	1	30
site-wide	67562-39-4	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	ug/l	4.4821E-07	0.00003	4.4821E-07	1.873E-06	Yes	2.25E-07	No	4	7
site-wide	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	ug/l	4.4821E-07	0.00003	4.4821E-07	1.451E-06	Yes	3.77E-07	No	5	7
site-wide	55673-89-7	1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	ug/l	4.4821E-07	0.00003	4.4821E-07	2.629E-06	Yes	3.16E-07	No	5	7
site-wide	70648-26-9	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	ug/l	4.4821E-07	0.00003	4.4821E-07	7.63E-07	Yes	1.8E-07	No	3	7
site-wide	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	ug/l	4.4821E-07	0.00003	4.4821E-07	9.56E-07	Yes	2.43E-07	No	3	7
site-wide	57117-44-9	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	ug/l	4.4821E-07	0.00003	4.4821E-07	7.97E-07	Yes	1.88E-07	No	3	7
site-wide	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	ug/l	4.4821E-07	0.00003	4.4821E-07	9.21E-07	Yes	2.34E-07	No	3	7
site-wide	72918-21-9	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	ug/l	4.4821E-07	0.00003	4.4821E-07	9.81E-07	Yes	2.32E-07	No	3	7
site-wide	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	ug/l	4.4821E-07	0.00003	4.4821E-07	9.09E-07	Yes	2.32E-07	No	3	7
site-wide	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	ug/l	4.4821E-07	0.00003	4.4821E-07	3.31E-07	No	1.64E-07	No	0	7
site-wide	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	ug/l	4.4821E-07	0.00003	4.4821E-07	3.76E-07	No	3.06E-07	No	0	7
site-wide	120-82-1	1,2,4-Trichlorobenzene	ug/l	0.715686275	70	0.715686275	200	Yes	1	Yes	30	30
site-wide	96-12-8	1,2-Dibromo-3-chloropropane	ug/l	0.035	0.2	0.035	400	Yes	2	Yes	30	30
site-wide	106-93-4	1,2-Dibromoethane	ug/l	0.0056	0.05	0.0056	200	Yes	1	Yes	30	30
site-wide	95-50-1	1,2-Dichlorobenzene	ug/l	37.01408451	600	37.01408451	200	Yes	1	No	1	30
site-wide	107-06-2	1,2-Dichloroethane	ug/l	0.123142779	5	0.123142779	200	Yes	1	Yes	30	30
site-wide	78-87-5	1,2-Dichloropropane	ug/l	0.164794013	5	0.164794013	200	Yes	1	Yes	30	30
site-wide	541-73-1	1,3-Dichlorobenzene	ug/l	18.25		18.25	200	Yes	1	No	1	30
site-wide	106-46-7	1,4-Dichlorobenzene	ug/l	0.501760384	75	0.501760384	200	Yes	1	Yes	30	30
site-wide	108-60-1	2,2'-Oxybis(1-Chloropropane)	ug/l	0.2744299		0.2744299	210	Yes	9.3	Yes	30	30
site-wide	60851-34-5	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	ug/l	4.4821E-07	0.00003	4.4821E-07	8.52E-07	Yes	2.01E-07	No	3	7
site-wide	57117-31-4	2,3,4,7,8-PENTACHLORODIBENZOFURAN	ug/l	4.4821E-07	0.00003	4.4821E-07	3.19E-07	No	1.72E-07	No	0	7
site-wide	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	ug/l	4.4821E-07	0.00003	4.4821E-07	5.02E-07	Yes	3.1E-07	No	1	7
site-wide	1746-01-6	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	ug/l	4.4821E-07	0.00003	4.4821E-07	3.47E-07	No	2.25E-07	No	0	7
site-wide	95-95-4	2,4,5-Trichlorophenol	ug/l	364.9986678		364.9986678	210	No	9.3	No	0	30
site-wide	88-06-2	2,4,6-Trichlorophenol	ug/l	3.649999987		3.649999987	210	Yes	9.3	Yes	30	30
site-wide	120-83-2	2,4-Dichlorophenol	ug/l	10.9499988		10.9499988	210	Yes	9.3	No	4	30
site-wide	51-28-5	2,4-Dinitrophenol	ug/l	7.299999467		7.299999467	1000	Yes	47	Yes	30	30
site-wide	121-14-2	2,4-Dinitrotoluene	ug/l	7.299999467		7.299999467	210	Yes	9.3	Yes	30	30
site-wide	606-20-2	2,6-Dinitrotoluene	ug/l	3.649999867		3.649999867	210	Yes	9.3	Yes	30	30
site-wide	78-93-3	2-Butanone	ug/l	696.8181818		696.8181818	1000	Yes	5	No	1	30
site-wide	91-58-7	2-Chloronaphthalene	ug/l	48.66666667		48.66666667	210	Yes	9.3	No	2	30
site-wide	95-57-8	2-Chlorophenol	ug/l	3.041666667		3.041666667	210	Yes	9.3	Yes	30	30
site-wide	591-78-6	2-Hexanone	ug/l	199.3015873		199.3015873	1000	Yes	5	No	1	30
site-wide	88-74-4	2-Nitroaniline	ug/l	10.9499988		10.9499988	1000	Yes	47	Yes	30	30
site-wide	88-75-5	2-Nitrophenol	ug/l	3.041666667		3.041666667	210	Yes	9.3	Yes	30	30
site-wide	91-94-1	3,3'-Dichlorobenzidine	ug/l	0.14940341		0.14940341	210	Yes	9.3	Yes	30	30
site-wide	99-09-2	3-Nitroaniline	ug/l	3.201501626		3.201501626	1000	Yes	47	Yes	30	30
site-wide	534-52-1	4,6-Dinitro-2-methylphenol	ug/l	0.364999999		0.364999999	1000	Yes	47	Yes	30	30
site-wide	106-47-8	4-Chloroaniline	ug/l	14.59999787		14.59999787	210	Yes	9.3	No	3	30
site-wide	108-10-1	4-Methyl-2-pentanone	ug/l	199.3015873		199.3015873	1000	Yes	5	No	1	30
site-wide	100-01-6	4-Nitroaniline	ug/l	3.201501626		3.201501626	1000	Yes	47	Yes	30	30
site-wide	100-02-7	4-Nitrophenol	ug/l	3.041666667		3.041666667	1000	Yes	47	Yes	30	30
site-wide	7440-36-0	Antimony	ug/l	1.459999979	6	1.459999979	9.3	Yes	7.6	Yes	40	40
site-wide	12674-11-2	Aroclor 1016	ug/l	0.26		0.26	1.4	Yes	0.93	Yes	30	30
site-wide	11104-28-2	Aroclor 1221	ug/l	0.03	0.5	0.03	2.9	Yes	1.9	Yes	30	30
site-wide	11141-16-5	Aroclor 1232	ug/l	0.03	0.5	0.03	1.4	Yes	0.93	Yes	30	30
site-wide	53469-21-9	Aroclor 1242	ug/l	0.03	0.5	0.03	1.4	Yes	0.93	Yes	30	30

Table H-3A
Detection Limit Evaluation - Chemicals Never Detected in Groundwater

Area	CAS No.	Chemical	Units	PRG	MCL	Minimum Screening Level	Maximum DL	Maximum DL Exceeds?	Minimum DL	Minimum DL Exceeds?	Number of DLs Exceeding	Sample Count
site-wide	12672-29-6	Aroclor 1248	ug/l	0.03	0.5	0.03	1.4	Yes	0.93	Yes	30	30
site-wide	11097-69-1	Aroclor 1254	ug/l	0.03	0.5	0.03	1.4	Yes	0.93	Yes	30	30
site-wide	11096-82-5	Aroclor 1260	ug/l	0.03	0.5	0.03	1.4	Yes	0.93	Yes	30	30
site-wide	1912-24-9	Atrazine	ug/l	0.302844749	3	0.302844749	210	Yes	9.3	Yes	30	30
site-wide	100-52-7	Benzaldehyde	ug/l	364.9986678		364.9986678	1000	Yes	47	No	2	30
site-wide	7440-41-7	Beryllium	ug/l	7.299999467	4	4	0.32	No	0.21	No	0	40
site-wide	111-44-4	Bis(2-Chloroethyl)ether	ug/l	0.010187266		0.010187266	210	Yes	9.3	Yes	30	30
site-wide	117-81-7	Bis(2-Ethylhexyl)phthalate	ug/l	4.802252431	6	4.802252431	210	Yes	9.3	Yes	30	30
site-wide	75-27-4	Bromodichloromethane	ug/l	0.180741821	80	0.180741821	200	Yes	1	Yes	30	30
site-wide	75-25-2	Bromoform	ug/l	8.510320732	80	8.510320732	200	Yes	1	No	1	30
site-wide	74-83-9	Bromomethane	ug/l	0.866101695		0.866101695	400	Yes	2	Yes	30	30
site-wide	85-68-7	Butylbenzylphthalate	ug/l	729.994671		729.994671	210	No	9.3	No	0	30
site-wide	56-23-5	Carbon tetrachloride	ug/l	0.171299577	5	0.171299577	200	Yes	1	Yes	30	30
site-wide	108-90-7	Chlorobenzene	ug/l	10.60683761	100	10.60683761	200	Yes	1	No	1	30
site-wide	75-00-3	Chloroethane	ug/l	4.637023572		4.637023572	400	Yes	2	No	4	30
site-wide	75-00-3	Chloroethane	ug/l	4.637023572		4.637023572	400	Yes	2	No	4	30
site-wide	67-66-3	Chloroform	ug/l	0.166016894	80	0.166016894	200	Yes	1	Yes	30	30
site-wide	74-87-3	Chloromethane	ug/l	15.81666667		15.81666667	400	Yes	2	No	1	30
site-wide	10061-01-5	cis-1,3-Dichloropropene	ug/l	0.395492469		0.395492469	200	Yes	1	Yes	30	30
site-wide	7440-48-4	Cobalt	ug/l	72.99994671		72.99994671	8.5	No	3.2	No	0	40
site-wide	7440-50-8	Copper	ug/l	145.9997868	1300	145.9997868	20.9	No	4.3	No	0	40
site-wide	110-82-7	Cyclohexane	ug/l	1034.166667		1034.166667	200	No	1	No	0	30
site-wide	124-48-1	Dibromochloromethane	ug/l	0.133404677	80	0.133404677	200	Yes	1	Yes	30	30
site-wide	75-71-8	Dichlorodifluoromethane	ug/l	39.45945946		39.45945946	200	Yes	1	No	1	30
site-wide	84-66-2	Diethylphthalate	ug/l	2919.914738		2919.914738	210	No	9.3	No	0	30
site-wide	131-11-3	Dimethylphthalate	ug/l	36486.68236		36486.68236	210	No	9.3	No	0	30
site-wide	117-84-0	Di-n-octylphthalate	ug/l	145.9997868		145.9997868	210	Yes	9.3	No	1	30
site-wide	118-74-1	Hexachlorobenzene	ug/l	0.042019709	1	0.042019709	210	Yes	9.3	Yes	30	30
site-wide	87-68-3	Hexachlorobutadiene	ug/l	0.861942747		0.861942747	210	Yes	9.3	Yes	30	30
site-wide	77-47-4	Hexachlorocyclopentadiene	ug/l	21.8999952	50	21.8999952	210	Yes	9.3	No	2	30
site-wide	67-72-1	Hexachloroethane	ug/l	4.802252431		4.802252431	210	Yes	9.3	Yes	30	30
site-wide	78-59-1	Isophorone	ug/l	70.77003115		70.77003115	210	Yes	9.3	No	2	30
site-wide	79-20-9	Methyl acetate	ug/l	608.3333333		608.3333333	2000	Yes	10	No	1	30
site-wide	108-87-2	Methylcyclohexane	ug/l	521.7174515		521.7174515	200	No	1	No	0	30
site-wide	75-09-2	Methylene chloride	ug/l	4.275631827	5	4.275631827	200	Yes	1	No	2	30
site-wide	1634-04-4	Methyl-tert-butyl-ether	ug/l	6.225561613		6.225561613	200	Yes	1	No	1	30
site-wide	7440-02-0	Nickel	ug/l	72.99994671		72.99994671	23.3	No	2	No	0	40
site-wide	98-95-3	Nitrobenzene	ug/l	0.339534884		0.339534884	210	Yes	9.3	Yes	30	30
site-wide	621-64-7	N-Nitroso-di-n-propylamine	ug/l	0.009604505		0.009604505	210	Yes	9.3	Yes	30	30
site-wide	86-30-6	N-Nitrosodiphenylamine	ug/l	13.72072111		13.72072111	210	Yes	9.3	No	3	30
site-wide	39001-02-0	OCTACHLORODIBENZOFURAN	ug/l	4.4821E-07	0.00003	4.4821E-07	2.793E-06	Yes	7.4E-07	Yes	7	7
site-wide	3268-87-9	OCTACHLORODIBENZO-P-DIOXIN	ug/l	4.4821E-07	0.00003	4.4821E-07	6.165E-06	Yes	2.439E-06	Yes	7	7
site-wide	87-86-5	Pentachlorophenol	ug/l	0.560262786	1	0.560262786	1000	Yes	47	Yes	30	30
site-wide	7440-22-4	Silver	ug/l	18.24999667		18.24999667	2.5	No	0.5	No	0	40
site-wide	127-18-4	Tetrachloroethene	ug/l	0.104236277	5	0.104236277	200	Yes	1	Yes	30	30
site-wide	7440-28-0	Thallium	ug/l	0.240899999	2	0.240899999	6.3	Yes	3.5	Yes	40	40
site-wide	156-60-5	trans-1,2-Dichloroethene	ug/l	12.16666667	100	12.16666667	200	Yes	1	No	1	30
site-wide	10061-02-6	trans-1,3-Dichloropropene	ug/l	0.395492469		0.395492469	200	Yes	1	Yes	30	30
site-wide	79-01-6	Trichloroethene	ug/l	0.028014982	5	0.028014982	200	Yes	1	Yes	30	30
site-wide	75-69-4	Trichlorofluoromethane	ug/l	128.8235294		128.8235294	200	Yes	1	No	1	30
site-wide	75-01-4	Vinyl chloride	ug/l	0.019792393	2	0.019792393	200	Yes	1	Yes	30	30

Notes:
DL - Detection Limit.

Table H-3A
Detection Limit Evaluation - Chemicals Never Detected in Groundwater

Area	CAS No.	Chemical	Units	PRG	MCL	Minimum Screening Level	Maximum DL	Maximum DL Exceeds?	Minimum DL	Minimum DL Exceeds?	Number of DLs Exceeding	Sample Count

(a) - EPA Region 9 PRG for tap water. PRGs for noncarcinogens are divided by 10 (HQ = 0.1).

Table H-3B
Detection Limit Evaluation - Chemicals Never Detected in Groundwater - Maximum DL Exceeds

Area	CASNo	Chemical	Units	PRG	MCL	Minimum Screening Level	Maximum DL	Maximum DL Exceeds?	Minimum DL	Minimum DL Exceeds?	Number of DLs Exceeding	Sample Count
site-wide	79-34-5	1,1,2,2-Tetrachloroethane	ug/l	0.055338246		0.055338246	200	Yes	1	Yes	30	30
site-wide	79-00-5	1,1,2-Trichloroethane	ug/l	0.199513188	5	0.199513188	200	Yes	1	Yes	30	30
site-wide	75-34-3	1,1-Dichloroethane	ug/l	81.11111111		81.11111111	200	Yes	1	No	1	30
site-wide	75-35-4	1,1-Dichloroethene	ug/l	33.88436482	7	7	200	Yes	1	No	1	30
site-wide	67562-39-4	1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	ug/l	4.4821E-07	0.00003	4.4821E-07	1.873E-06	Yes	2.25E-07	No	4	7
site-wide	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	ug/l	4.4821E-07	0.00003	4.4821E-07	1.451E-06	Yes	3.77E-07	No	5	7
site-wide	55673-89-7	1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	ug/l	4.4821E-07	0.00003	4.4821E-07	2.629E-06	Yes	3.16E-07	No	5	7
site-wide	70648-26-9	1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	ug/l	4.4821E-07	0.00003	4.4821E-07	7.63E-07	Yes	1.6E-07	No	3	7
site-wide	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	ug/l	4.4821E-07	0.00003	4.4821E-07	9.56E-07	Yes	2.43E-07	No	3	7
site-wide	57117-44-9	1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	ug/l	4.4821E-07	0.00003	4.4821E-07	7.97E-07	Yes	1.68E-07	No	3	7
site-wide	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	ug/l	4.4821E-07	0.00003	4.4821E-07	9.21E-07	Yes	2.34E-07	No	3	7
site-wide	72918-21-9	1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	ug/l	4.4821E-07	0.00003	4.4821E-07	8.81E-07	Yes	2.32E-07	No	3	7
site-wide	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	ug/l	4.4821E-07	0.00003	4.4821E-07	9.09E-07	Yes	2.32E-07	No	3	7
site-wide	120-82-1	1,2,4-Trichlorobenzene	ug/l	0.715686275	70	0.715686275	200	Yes	1	Yes	30	30
site-wide	96-12-8	1,2-Dibromo-3-chloropropane	ug/l	0.035	0.2	0.035	400	Yes	2	Yes	30	30
site-wide	106-93-4	1,2-Dibromoethane	ug/l	0.0056	0.05	0.0056	200	Yes	1	Yes	30	30
site-wide	95-50-1	1,2-Dichlorobenzene	ug/l	37.01408451	600	37.01408451	200	Yes	1	No	1	30
site-wide	107-06-2	1,2-Dichloroethane	ug/l	0.123142779	5	0.123142779	200	Yes	1	Yes	30	30
site-wide	78-87-5	1,2-Dichloropropane	ug/l	0.164794013	5	0.164794013	200	Yes	1	Yes	30	30
site-wide	541-73-1	1,3-Dichlorobenzene	ug/l	18.25		18.25	200	Yes	1	No	1	30
site-wide	106-46-7	1,4-Dichlorobenzene	ug/l	0.501760384	75	0.501760384	200	Yes	1	Yes	30	30
site-wide	108-60-1	2,2'-Oxybis(1-Chloropropane)	ug/l	0.2744299		0.2744299	210	Yes	9.3	Yes	30	30
site-wide	60851-34-5	2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	ug/l	4.4821E-07	0.00003	4.4821E-07	8.52E-07	Yes	2.01E-07	No	3	7
site-wide	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	ug/l	4.4821E-07	0.00003	4.4821E-07	5.02E-07	Yes	3.1E-07	No	1	7
site-wide	88-06-2	2,4,6-Trichlorophenol	ug/l	3.649999967		3.649999967	210	Yes	9.3	Yes	30	30
site-wide	120-83-2	2,4-Dichlorophenol	ug/l	10.9499988		10.9499988	210	Yes	9.3	No	4	30
site-wide	51-28-5	2,4-Dinitrophenol	ug/l	7.299999467		7.299999467	1000	Yes	47	Yes	30	30
site-wide	121-14-2	2,4-Dinitrotoluene	ug/l	7.299999467		7.299999467	210	Yes	9.3	Yes	30	30
site-wide	606-20-2	2,6-Dinitrotoluene	ug/l	3.649999967		3.649999967	210	Yes	9.3	Yes	30	30
site-wide	78-93-3	2-Butanone	ug/l	696.8181818		696.8181818	1000	Yes	5	No	1	30
site-wide	91-58-7	2-Chloronaphthalene	ug/l	48.66666667		48.66666667	210	Yes	9.3	No	2	30
site-wide	95-57-8	2-Chlorophenol	ug/l	3.041666667		3.041666667	210	Yes	9.3	Yes	30	30
site-wide	591-78-6	2-Hexanone	ug/l	199.3015873		199.3015873	1000	Yes	5	No	1	30
site-wide	88-74-4	2-Nitroaniline	ug/l	10.9499988		10.9499988	1000	Yes	47	Yes	30	30
site-wide	88-75-5	2-Nitrophenol	ug/l	3.041666667		3.041666667	210	Yes	9.3	Yes	30	30
site-wide	91-94-1	3,3'-Dichlorobenzidine	ug/l	0.14940341		0.14940341	210	Yes	9.3	Yes	30	30
site-wide	99-09-2	3-Nitroaniline	ug/l	3.201501626		3.201501626	1000	Yes	47	Yes	30	30
site-wide	534-52-1	4,6-Dinitro-2-methylphenol	ug/l	0.364999999		0.364999999	1000	Yes	47	Yes	30	30
site-wide	106-47-8	4-Chloroaniline	ug/l	14.59999787		14.59999787	210	Yes	9.3	No	3	30
site-wide	108-10-1	4-Methyl-2-pentanone	ug/l	199.3015873		199.3015873	1000	Yes	5	No	1	30
site-wide	100-01-6	4-Nitroaniline	ug/l	3.201501626		3.201501626	1000	Yes	47	Yes	30	30
site-wide	100-02-7	4-Nitrophenol	ug/l	3.041666667		3.041666667	1000	Yes	47	Yes	30	30
site-wide	7440-36-0	Antimony	ug/l	1.459999979	6	1.459999979	9.3	Yes	7.6	Yes	40	40
site-wide	12674-11-2	Aroclor 1016	ug/l	0.26		0.26	1.4	Yes	0.93	Yes	30	30
site-wide	11104-28-2	Aroclor 1221	ug/l	0.03	0.5	0.03	2.9	Yes	1.9	Yes	30	30
site-wide	11141-16-5	Aroclor 1232	ug/l	0.03	0.5	0.03	1.4	Yes	0.93	Yes	30	30
site-wide	53469-21-9	Aroclor 1242	ug/l	0.03	0.5	0.03	1.4	Yes	0.93	Yes	30	30
site-wide	12672-29-6	Aroclor 1248	ug/l	0.03	0.5	0.03	1.4	Yes	0.93	Yes	30	30
site-wide	11097-69-1	Aroclor 1254	ug/l	0.03	0.5	0.03	1.4	Yes	0.93	Yes	30	30
site-wide	11096-82-5	Aroclor 1260	ug/l	0.03	0.5	0.03	1.4	Yes	0.93	Yes	30	30
site-wide	1912-24-9	Atrazine	ug/l	0.302844749	3	0.302844749	210	Yes	9.3	Yes	30	30
site-wide	100-52-7	Benzaldehyde	ug/l	364.9986678		364.9986678	1000	Yes	47	No	2	30
site-wide	111-44-4	Bis(2-Chloroethyl)ether	ug/l	0.010187266		0.010187266	210	Yes	9.3	Yes	30	30
site-wide	117-81-7	Bis(2-Ethylhexyl)phthalate	ug/l	4.802252431	6	4.802252431	210	Yes	9.3	Yes	30	30

Table H-3B
Detection Limit Evaluation - Chemicals Never Detected in Groundwater - Maximum DL Exceeds

Area	CAS No.	Chemical	Units	PRG (a)	MCL	Minimum Screening Level	Maximum DL	Maximum DL Exceeds?	Minimum DL	Minimum DL Exceeds?	Number of DLs Exceeding	Sample Count
site-wide	75-27-4	Bromodichloromethane	ug/l	0.180741821	80	0.180741821	200	Yes	1	Yes	30	30
site-wide	75-25-2	Bromoform	ug/l	8.510320732	80	8.510320732	200	Yes	1	No	1	30
site-wide	74-83-9	Bromomethane	ug/l	0.866101695		0.866101695	400	Yes	2	Yes	30	30
site-wide	56-23-5	Carbon tetrachloride	ug/l	0.171299577	5	0.171299577	200	Yes	1	Yes	30	30
site-wide	108-90-7	Chlorobenzene	ug/l	10.60683761	100	10.60683761	200	Yes	1	No	1	30
site-wide	75-00-3	Chloroethane	ug/l	4.637023572		4.637023572	400	Yes	2	No	4	30
site-wide	75-00-3	Chloroethane	ug/l	4.637023572		4.637023572	400	Yes	2	No	4	30
site-wide	67-66-3	Chloroform	ug/l	0.166016894	80	0.166016894	200	Yes	1	Yes	30	30
site-wide	74-87-3	Chloromethane	ug/l	15.81666667		15.81666667	400	Yes	2	No	1	30
site-wide	10061-01-5	cis-1,3-Dichloropropene	ug/l	0.395492469		0.395492469	200	Yes	1	Yes	30	30
site-wide	124-48-1	Dibromochloromethane	ug/l	0.133404677	80	0.133404677	200	Yes	1	Yes	30	30
site-wide	75-71-8	Dichlorodifluoromethane	ug/l	39.45945946		39.45945946	200	Yes	1	No	1	30
site-wide	117-84-0	Di-n-octylphthalate	ug/l	145.9997868		145.9997868	210	Yes	9.3	No	1	30
site-wide	118-74-1	Hexachlorobenzene	ug/l	0.042019709	1	0.042019709	210	Yes	9.3	Yes	30	30
site-wide	87-68-3	Hexachlorobutadiene	ug/l	0.861942747		0.861942747	210	Yes	9.3	Yes	30	30
site-wide	77-47-4	Hexachlorocyclopentadiene	ug/l	21.8999952	50	21.8999952	210	Yes	9.3	No	2	30
site-wide	67-72-1	Hexachloroethane	ug/l	4.802252431		4.802252431	210	Yes	9.3	Yes	30	30
site-wide	78-59-1	Isophorone	ug/l	70.77003115		70.77003115	210	Yes	9.3	No	2	30
site-wide	79-20-9	Methyl acetate	ug/l	608.3333333		608.3333333	2000	Yes	10	No	1	30
site-wide	75-09-2	Methylene chloride	ug/l	4.275631827	5	4.275631827	200	Yes	1	No	2	30
site-wide	1634-04-4	Methyl-tert-butyl-ether	ug/l	6.225551613		6.225551613	200	Yes	1	No	1	30
site-wide	98-95-3	Nitrobenzene	ug/l	0.339534884		0.339534884	210	Yes	9.3	Yes	30	30
site-wide	621-64-7	N-Nitroso-di-n-propylamine	ug/l	0.009604505		0.009604505	210	Yes	9.3	Yes	30	30
site-wide	86-30-6	N-Nitrosodiphenylamine	ug/l	13.72072111		13.72072111	210	Yes	9.3	No	3	30
site-wide	39001-02-0	OCTACHLORODIBENZOFURAN	ug/l	4.4821E-07	0.00003	4.4821E-07	2.793E-06	Yes	7.4E-07	Yes	7	7
site-wide	3268-87-9	OCTACHLORODIBENZO-P-DIOXIN	ug/l	4.4821E-07	0.00003	4.4821E-07	6.165E-06	Yes	2.439E-06	Yes	7	7
site-wide	87-86-5	Pentachlorophenol	ug/l	0.560262786	1	0.560262786	1000	Yes	47	Yes	30	30
site-wide	127-18-4	Tetrachloroethene	ug/l	0.104236277	5	0.104236277	200	Yes	1	Yes	30	30
site-wide	7440-28-0	Thallium	ug/l	0.240899999	2	0.240899999	6.3	Yes	3.5	Yes	40	40
site-wide	156-60-5	trans-1,2-Dichloroethene	ug/l	12.16666667	100	12.16666667	200	Yes	1	No	1	30
site-wide	10061-02-6	trans-1,3-Dichloropropene	ug/l	0.395492469		0.395492469	200	Yes	1	Yes	30	30
site-wide	79-01-6	Trichloroethene	ug/l	0.028014982	5	0.028014982	200	Yes	1	Yes	30	30
site-wide	75-69-4	Trichlorofluoromethane	ug/l	128.8235294		128.8235294	200	Yes	1	No	1	30
site-wide	75-01-4	Vinyl chloride	ug/l	0.019792393	2	0.019792393	200	Yes	1	Yes	30	30

Notes:
DL - Detection Limit.
(a) - EPA Region 9 PRG for tap water. PRGs for noncarcinogens are divided by 10 (HQ = 0.1).

Table H-3C
Detection Limit Evaluation - Chemicals Never Detected in Groundwater - Minimum DL Exceeds

Area	CAS No.	Chemical	Units	RBC	MCL	Minimum Screening Level	Maximum DL	Maximum DL Exceeds?	Minimum DL	Minimum DL Exceeds?	Ratio of Exceedance	Number of DLs Exceeding	Sample Count
site-wide	79-34-5	1,1,2,2-Tetrachloroethane	ug/l	0.055338246		0.055338246	200	Yes	1	Yes	18.1	30	30
site-wide	79-00-5	1,1,2-Trichloroethane	ug/l	0.199513188	5	0.199513188	200	Yes	1	Yes	5.0	30	30
site-wide	120-82-1	1,2,4-Trichlorobenzene	ug/l	0.715686275	70	0.715686275	200	Yes	1	Yes	1.4	30	30
site-wide	96-12-8	1,2-Dibromo-3-chloropropane	ug/l	0.035	0.2	0.035	400	Yes	2	Yes	57.1	30	30
site-wide	106-93-4	1,2-Dibromoethane	ug/l	0.0056	0.05	0.0056	200	Yes	1	Yes	178.6	30	30
site-wide	107-06-2	1,2-Dichloroethane	ug/l	0.123142779	5	0.123142779	200	Yes	1	Yes	8.1	30	30
site-wide	78-87-5	1,2-Dichloropropane	ug/l	0.164794013	5	0.164794013	200	Yes	1	Yes	6.1	30	30
site-wide	106-46-7	1,4-Dichlorobenzene	ug/l	0.501760384	75	0.501760384	200	Yes	1	Yes	2.0	30	30
site-wide	108-60-1	2,2'-Oxybis(1-Chloropropane)	ug/l	0.2744299		0.2744299	210	Yes	9.3	Yes	33.9	30	30
site-wide	88-06-2	2,4,6-Trichlorophenol	ug/l	3.649999967		3.649999967	210	Yes	9.3	Yes	2.5	30	30
site-wide	51-28-5	2,4-Dinitrophenol	ug/l	7.299999467		7.299999467	1000	Yes	47	Yes	6.4	30	30
site-wide	121-14-2	2,4-Dinitrotoluene	ug/l	7.299999467		7.299999467	210	Yes	9.3	Yes	1.3	30	30
site-wide	606-20-2	2,6-Dinitrotoluene	ug/l	3.649999867		3.649999867	210	Yes	9.3	Yes	2.5	30	30
site-wide	95-57-8	2-Chlorophenol	ug/l	3.041666667		3.041666667	210	Yes	9.3	Yes	3.1	30	30
site-wide	88-74-4	2-Nitroaniline	ug/l	10.9499988		10.9499988	1000	Yes	47	Yes	4.3	30	30
site-wide	88-75-5	2-Nitrophenol	ug/l	3.041666667		3.041666667	210	Yes	9.3	Yes	3.1	30	30
site-wide	91-94-1	3,3'-Dichlorobenzidine	ug/l	0.14940341		0.14940341	210	Yes	9.3	Yes	62.2	30	30
site-wide	99-09-2	3-Nitroaniline	ug/l	3.201501626		3.201501626	1000	Yes	47	Yes	14.7	30	30
site-wide	534-52-1	4,6-Dinitro-2-methylphenol	ug/l	0.364999999		0.364999999	1000	Yes	47	Yes	128.8	30	30
site-wide	100-01-6	4-Nitroaniline	ug/l	3.201501626		3.201501626	1000	Yes	47	Yes	14.7	30	30
site-wide	100-02-7	4-Nitrophenol	ug/l	3.041666667		3.041666667	1000	Yes	47	Yes	15.5	30	30
site-wide	7440-36-0	Antimony	ug/l	1.459999979	6	1.459999979	9.3	Yes	7.6	Yes	5.2	40	40
site-wide	12674-11-2	Aroclor 1016	ug/l	0.26		0.26	1.4	Yes	0.93	Yes	3.6	30	30
site-wide	11104-28-2	Aroclor 1221	ug/l	0.03	0.5	0.03	2.9	Yes	1.9	Yes	63.3	30	30
site-wide	11141-16-5	Aroclor 1232	ug/l	0.03	0.5	0.03	1.4	Yes	0.93	Yes	31.0	30	30
site-wide	53469-21-9	Aroclor 1242	ug/l	0.03	0.5	0.03	1.4	Yes	0.93	Yes	31.0	30	30
site-wide	12672-29-6	Aroclor 1248	ug/l	0.03	0.5	0.03	1.4	Yes	0.93	Yes	31.0	30	30
site-wide	11097-69-1	Aroclor 1254	ug/l	0.03	0.5	0.03	1.4	Yes	0.93	Yes	31.0	30	30
site-wide	11096-82-5	Aroclor 1260	ug/l	0.03	0.5	0.03	1.4	Yes	0.93	Yes	31.0	30	30
site-wide	1912-24-9	Atrazine	ug/l	0.302844749	3	0.302844749	210	Yes	9.3	Yes	30.7	30	30
site-wide	111-44-4	Bis(2-Chloroethyl)ether	ug/l	0.010187266		0.010187266	210	Yes	9.3	Yes	912.9	30	30
site-wide	117-81-7	Bis(2-Ethylhexyl)phthalate	ug/l	4.802252431	6	4.802252431	210	Yes	9.3	Yes	1.9	30	30
site-wide	75-27-4	Bromodichloromethane	ug/l	0.180741821	80	0.180741821	200	Yes	1	Yes	5.5	30	30
site-wide	74-83-9	Bromomethane	ug/l	0.866101695		0.866101695	400	Yes	2	Yes	2.3	30	30
site-wide	56-23-5	Carbon tetrachloride	ug/l	0.171299577	5	0.171299577	200	Yes	1	Yes	5.8	30	30
site-wide	67-66-3	Chloroform	ug/l	0.166016894	80	0.166016894	200	Yes	1	Yes	6.0	30	30
site-wide	10061-01-5	cis-1,3-Dichloropropene	ug/l	0.395492469		0.395492469	200	Yes	1	Yes	2.5	30	30
site-wide	124-48-1	Dibromochloromethane	ug/l	0.133404677	80	0.133404677	200	Yes	1	Yes	7.5	30	30
site-wide	118-74-1	Hexachlorobenzene	ug/l	0.042019709	1	0.042019709	210	Yes	9.3	Yes	221.3	30	30
site-wide	87-68-3	Hexachlorobutadiene	ug/l	0.861942747		0.861942747	210	Yes	9.3	Yes	10.8	30	30
site-wide	67-72-1	Hexachloroethane	ug/l	4.802252431		4.802252431	210	Yes	9.3	Yes	1.9	30	30
site-wide	98-95-3	Nitrobenzene	ug/l	0.339534884		0.339534884	210	Yes	9.3	Yes	27.4	30	30
site-wide	621-64-7	N-Nitroso-di-n-propylamine	ug/l	0.009604505		0.009604505	210	Yes	9.3	Yes	968.3	30	30
site-wide	39001-02-0	OCTACHLORODIBENZOFURAN	ug/l	4.4821E-07	0.00003	4.4821E-07	2.793E-06	Yes	7.4E-07	Yes	1.7	7	7
site-wide	3268-87-9	OCTACHLORODIBENZO-P-DIOXIN	ug/l	4.4821E-07	0.00003	4.4821E-07	6.165E-06	Yes	2.439E-06	Yes	5.4	7	7
site-wide	87-86-5	Pentachlorophenol	ug/l	0.560262786	1	0.560262786	1000	Yes	47	Yes	83.9	30	30
site-wide	127-18-4	Tetrachloroethene	ug/l	0.104236277	5	0.104236277	200	Yes	1	Yes	9.6	30	30
site-wide	7440-28-0	Thallium	ug/l	0.240899999	2	0.240899999	6.3	Yes	3.5	Yes	14.5	40	40
site-wide	10061-02-6	trans-1,3-Dichloropropene	ug/l	0.395492469		0.395492469	200	Yes	1	Yes	2.5	30	30
site-wide	79-01-6	Trichloroethene	ug/l	0.028014982	5	0.028014982	200	Yes	1	Yes	35.7	30	30
site-wide	75-01-4	Vinyl chloride	ug/l	0.019792393	2	0.019792393	200	Yes	1	Yes	50.5	30	30

Notes:
DL - Detection Limit.

Table H-3C
Detection Limit Evaluation - Chemicals Never Detected in Groundwater - Minimum DL Exceeds

Area	CAS No.	Chemical	Units	PRG	MCL	Minimum Screening Level	Maximum DL	Maximum DL Exceeds?	Minimum DL	Minimum DL Exceeds?	Ratio of Exceedances	Number of DLs Exceeding	Sample Count

(a) - EPA Region 9 PRG for tap water. PRGs for noncarcinogens are divided by 10 (HQ = 0.1).

Table H-4A
Detection Limit Evaluation - Chemicals Never Detected in Sediment

Area	CAS No.	Chemical	Units	PRG Resid. Soil (c)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	# Number of DLs Exceeding PRG	Sample Count
AOC 19 (a)	71-55-6	1,1,1-Trichloroethane	mg/kg	200	0.0081	No	0.0058	No	0	3
AOC 19 (a)	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.407618604	0.0081	No	0.0058	No	0	3
AOC 19 (a)	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	2100	0.0081	No	0.0058	No	0	3
AOC 19 (a)	79-00-5	1,1,2-Trichloroethane	mg/kg	0.728625386	0.0081	No	0.0058	No	0	3
AOC 19 (a)	92-52-4	1,1-Biphenyl	mg/kg	301.444942	1.6	No	0.38	No	0	4
AOC 19 (a)	75-34-3	1,1-Dichloroethane	mg/kg	50.63968328	0.0081	No	0.0058	No	0	3
AOC 19 (a)	75-35-4	1,1-Dichloroethene	mg/kg	12.3530677	0.0081	No	0.0058	No	0	3
AOC 19 (a)	120-82-1	1,2,4-Trichlorobenzene	mg/kg	6.215976296	0.0081	No	0.0058	No	0	3
AOC 19 (a)	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	0.46	0.0081	No	0.0058	No	0	3
AOC 19 (a)	106-93-4	1,2-Dibromoethane	mg/kg	0.032	0.0081	No	0.0058	No	0	3
AOC 19 (a)	95-50-1	1,2-Dichlorobenzene	mg/kg	110	0.0081	No	0.0058	No	0	3
AOC 19 (a)	107-06-2	1,2-Dichloroethane	mg/kg	0.277731051	0.0081	No	0.0058	No	0	3
AOC 19 (a)	78-87-5	1,2-Dichloropropane	mg/kg	0.342162762	0.0081	No	0.0058	No	0	3
AOC 19 (a)	541-73-1	1,3-Dichlorobenzene	mg/kg	53.13493772	0.0081	No	0.0058	No	0	3
AOC 19 (a)	106-46-7	1,4-Dichlorobenzene	mg/kg	3.446542497	0.0081	No	0.0058	No	0	3
AOC 19 (a)	108-60-1	2,2'-Oxybis(1-Chloropropane)	mg/kg	2.884215512	1.6	No	0.38	No	0	4
AOC 19 (a)	95-95-4	2,4,5-Trichlorophenol	mg/kg	611.0309701	1.6	No	0.38	No	0	4
AOC 19 (a)	88-06-2	2,4,6-Trichlorophenol	mg/kg	6.110309701	1.6	No	0.38	No	0	4
AOC 19 (a)	120-83-2	2,4-Dichlorophenol	mg/kg	18.3309291	1.6	No	0.38	No	0	4
AOC 19 (a)	105-67-9	2,4-Dimethylphenol	mg/kg	122.206194	1.6	No	0.38	No	0	4
AOC 19 (a)	51-28-5	2,4-Dinitrophenol	mg/kg	12.2206194	8.2	No	2	No	0	4
AOC 19 (a)	121-14-2	2,4-Dinitrotoluene	mg/kg	12.2206194	1.6	No	0.38	No	0	4
AOC 19 (a)	606-20-2	2,6-Dinitrotoluene	mg/kg	6.110309701	1.6	No	0.38	No	0	4
AOC 19 (a)	78-93-3	2-Butanone	mg/kg	2231.119777	0.016	No	0.012	No	0	3
AOC 19 (a)	91-58-7	2-Chloronaphthalene	mg/kg	493.8640536	1.6	No	0.38	No	0	4
AOC 19 (a)	95-57-8	2-Chlorophenol	mg/kg	6.339845745	1.6	No	0.38	No	0	4
AOC 19 (a)	591-78-6	2-Hexanone	mg/kg	528.0885751	0.016	No	0.012	No	0	3
AOC 19 (a)	91-57-6	2-Methylnaphthalene	mg/kg	5.591605683	1.6	No	0.38	No	0	4
AOC 19 (a)	88-74-4	2-Nitroaniline	mg/kg	18.27722139	8.2	No	2	No	0	4
AOC 19 (a)	88-75-5	2-Nitrophenol	mg/kg	6.339845745	1.6	No	0.38	No	0	4
AOC 19 (a)	91-94-1	3,3'-Dichlorobenzidine	mg/kg	1.080845583	1.6	Yes	0.38	No	2	4
AOC 19 (a)	99-09-2	3-Nitroaniline	mg/kg	1.83309291	8.2	Yes	2	Yes	4	4
AOC 19 (a)	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	8.2	Yes	2	Yes	4	4
AOC 19 (a)	101-55-3	4-Bromophenylphenyl ether	mg/kg		1.6	NA	0.38	NA		4
AOC 19 (a)	59-50-7	4-Chloro-3-methylphenol	mg/kg		1.6	NA	0.38	NA		4
AOC 19 (a)	106-47-8	4-Chloroaniline	mg/kg	24.4412388	1.6	No	0.38	No	0	4
AOC 19 (a)	7005-72-3	4-Chlorophenylphenyl ether	mg/kg		1.6	NA	0.38	NA		4
AOC 19 (a)	108-10-1	4-Methyl-2-pentanone	mg/kg	528.0885751	0.016	No	0.012	No	0	3
AOC 19 (a)	100-01-6	4-Nitroaniline	mg/kg	23.16097678	8.2	No	2	No	0	4
AOC 19 (a)	100-02-7	4-Nitrophenol	mg/kg	6.339845745	8.2	Yes	2	No	2	4
AOC 19 (a)	83-32-9	Acenaphthene	mg/kg	368.1705748	0.51	No	0.039	No	0	4
AOC 19 (a)	208-96-8	Acenaphthylene	mg/kg	368.1705748	0.51	No	0.039	No	0	4
AOC 19 (a)	98-86-2	Acetophenone	mg/kg	780	1.6	No	0.38	No	0	4
AOC 19 (a)	7440-36-0	Antimony	mg/kg	3.128571233	9.4	Yes	6.9	Yes	4	4
AOC 19 (a)	12674-11-2	Aroclor 1016	mg/kg	0.39330823	0.053	No	0.038	No	0	3
AOC 19 (a)	11104-28-2	Aroclor 1221	mg/kg	0.11	0.11	No	0.077	No	0	3
AOC 19 (a)	11141-16-5	Aroclor 1232	mg/kg	0.11	0.053	No	0.038	No	0	3
AOC 19 (a)	53469-21-9	Aroclor 1242	mg/kg	0.11	0.053	No	0.038	No	0	3

Table H-4A
Detection Limit Evaluation - Chemicals Never Detected in Sediment

Area	CAS No.	Chemical	Units	PRG Resid. Soil (c)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Number of DLs Exceeding PRG	Sample Count
AOC 19 (a)	11097-69-1	Aroclor 1254	mg/kg	0.11	0.053	No	0.038	No	0	3
AOC 19 (a)	11096-82-5	Aroclor 1260	mg/kg	0.11	0.053	No	0.038	No	0	3
AOC 19 (a)	1912-24-9	Atrazine	mg/kg	2.190904294	1.6	No	0.38	No	0	4
AOC 19 (a)	100-52-7	Benzaldehyde	mg/kg	611.0309701	8.2	No	2	No	0	4
AOC 19 (a)	71-43-2	Benzene	mg/kg	0.643148649	0.0081	No	0.0058	No	0	3
AOC 19 (a)	7440-41-7	Beryllium	mg/kg	15.43741586	0.78	No	0.57	No	0	4
AOC 19 (a)	111-91-1	Bis(2-Chloroethoxy)methane	mg/kg		1.6	NA	0.38	NA		4
AOC 19 (a)	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	1.6	Yes	0.38	Yes	4	4
AOC 19 (a)	117-81-7	Bis(2-Ethylhexyl)phthalate	mg/kg	34.74146517	1.6	No	0.38	No	0	4
AOC 19 (a)	75-27-4	Bromodichloromethane	mg/kg	0.624275042	0.0081	No	0.0058	No	0	3
AOC 19 (a)	75-25-2	Bromoform	mg/kg	81.58888849	0.0081	No	0.0058	No	0	3
AOC 19 (a)	74-83-9	Bromomethane	mg/kg	0.389658117	0.0081	No	0.0058	No	0	3
AOC 19 (a)	85-68-7	Butylbenzylphthalate	mg/kg	1222.06194	1.6	No	0.38	No	0	4
AOC 19 (a)	105-60-2	Caprolactam	mg/kg	3055.15485	8.2	No	2	No	0	4
AOC 19 (a)	86-74-8	Carbazole	mg/kg	24.31902562	1.6	No	0.38	No	0	4
AOC 19 (a)	75-15-0	Carbon disulfide	mg/kg	35.53403653	0.016	No	0.012	No	0	3
AOC 19 (a)	56-23-5	Carbon tetrachloride	mg/kg	0.251246068	0.0081	No	0.0058	No	0	3
AOC 19 (a)	108-90-7	Chlorobenzene	mg/kg	15.06578627	0.0081	No	0.0058	No	0	3
AOC 19 (a)	75-00-3	Chloroethane	mg/kg	3.025815812	0.016	No	0.012	No	0	3
AOC 19 (a)	75-00-3	Chloroethane	mg/kg	3.025815812	0.016	No	0.012	No	0	3
AOC 19 (a)	67-66-3	Chloroform	mg/kg	0.220791771	0.0081	No	0.0058	No	0	3
AOC 19 (a)	74-87-3	Chloromethane	mg/kg	4.685346206	0.0081	No	0.0058	No	0	3
AOC 19 (a)	156-59-2	cis-1,2-Dichloroethene	mg/kg	4.294190036	0.0081	No	0.0058	No	0	3
AOC 19 (a)	10061-01-5	cis-1,3-Dichloropropene	mg/kg	0.776532354	0.0081	No	0.0058	No	0	3
AOC 19 (a)	7440-48-4	Cobalt	mg/kg	140	7.8	No	5.7	No	0	4
AOC 19 (a)	57-12-5	CYANIDE	mg/kg	122.2096721	1.61	No	1.15	No	0	4
AOC 19 (a)	110-82-7	Cyclohexane	mg/kg	140	0.0081	No	0.0058	No	0	3
AOC 19 (a)	132-64-9	Dibenzofuran	mg/kg	14.52631361	1.6	No	0.38	No	0	4
AOC 19 (a)	124-48-1	Dibromochloromethane	mg/kg	1.108864857	0.0081	No	0.0058	No	0	3
AOC 19 (a)	75-71-8	Dichlorodifluoromethane	mg/kg	9.387910292	0.0081	No	0.0058	No	0	3
AOC 19 (a)	84-66-2	Diethylphthalate	mg/kg	4888.247761	1.6	No	0.38	No	0	4
AOC 19 (a)	131-11-3	Dimethylphthalate	mg/kg	61000	1.6	No	0.38	No	0	4
AOC 19 (a)	117-84-0	Di-n-octylphthalate	mg/kg	244.412388	1.6	No	0.38	No	0	4
AOC 19 (a)	100-41-4	Ethylbenzene	mg/kg	190	0.0081	No	0.0058	No	0	3
AOC 19 (a)	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	1.6	Yes	0.38	Yes	4	4
AOC 19 (a)	87-68-3	Hexachlorobutadiene	mg/kg	1.8	1.6	No	0.38	No	0	4
AOC 19 (a)	77-47-4	Hexachlorocyclopentadiene	mg/kg	36.54874986	1.6	No	0.38	No	0	4
AOC 19 (a)	67-72-1	Hexachloroethane	mg/kg	34.74146517	1.6	No	0.38	No	0	4
AOC 19 (a)	78-59-1	Isophorone	mg/kg	511.9784868	1.6	No	0.38	No	0	4
AOC 19 (a)	98-82-8	Isopropylbenzene	mg/kg	15.70273706	0.0081	No	0.0058	No	0	3
AOC 19 (a)	XYLMP	m+p-Xylene	mg/kg	27.0630538	0.0081	No	0.0058	No	0	3
AOC 19 (a)	7439-97-6	Mercury	mg/kg	2.3	0.05	No	0.04	No	0	5
AOC 19 (a)	79-20-9	Methyl acetate	mg/kg	2208.674401	0.016	No	0.012	No	0	3
AOC 19 (a)	108-87-2	Methylcyclohexane	mg/kg	259.1055165	0.0081	No	0.0058	No	0	3
AOC 19 (a)	1634-04-4	Methyl-tert-butyl-ether	mg/kg	16.70074836	0.0081	No	0.0058	No	0	3
AOC 19 (a)	91-20-3	Naphthalene	mg/kg	5.591605683	0.51	No	0.039	No	0	4
AOC 19 (a)	98-95-3	Nitrobenzene	mg/kg	1.964120482	1.6	No	0.38	No	0	4
AOC 19 (a)	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.06948293	1.6	Yes	0.38	Yes	4	4

Table H-4A
Detection Limit Evaluation - Chemicals Never Detected in Sediment

Area	CAS No.	Chemical	Units	PRG Resid. Soil (c)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Number of DLs Exceeding PRG	Sample Count
AOC 19 (a)	86-30-6	N-Nitrosodiphenylamine	mg/kg	99.26132907	1.6	No	0.38	No	0	4
AOC 19 (a)	95-48-7	o-Cresol (2-Methylphenol)	mg/kg	305.515485	1.6	No	0.38	No	0	4
AOC 19 (a)	95-47-6	o-Xylene	mg/kg	27	0.0081	No	0.0058	No	0	3
AOC 19 (a)	106-44-5	p-Cresol (4-Methylphenol)	mg/kg	30.5515485	1.6	No	0.38	No	0	4
AOC 19 (a)	87-86-5	Pentachlorophenol	mg/kg	2.978985095	8.2	Yes	2	No	2	4
AOC 19 (a)	108-95-2	Phenol	mg/kg	1833.09291	1.6	No	0.38	No	0	4
AOC 19 (a)	7782-49-2	Selenium	mg/kg	39.10711227	1.6	No	1.1	No	0	4
AOC 19 (a)	7440-22-4	Silver	mg/kg	39.10711227	1.6	No	1.1	No	0	4
AOC 19 (a)	100-42-5	Styrene	mg/kg	440	0.0081	No	0.0058	No	0	3
AOC 19 (a)	127-18-4	Tetrachloroethene	mg/kg	0.483591399	0.0081	No	0.0058	No	0	3
AOC 19 (a)	7440-28-0	Thallium	mg/kg	0.51621428	7.8	Yes	5.7	Yes	4	4
AOC 19 (a)	156-60-5	trans-1,2-Dichloroethene	mg/kg	6.948962718	0.0081	No	0.0058	No	0	3
AOC 19 (a)	10061-02-6	trans-1,3-Dichloropropene	mg/kg	0.776532354	0.0081	No	0.0058	No	0	3
AOC 19 (a)	79-01-6	Trichloroethene	mg/kg	0.052983337	0.0081	No	0.0058	No	0	3
AOC 19 (a)	75-69-4	Trichlorofluoromethane	mg/kg	38.58178986	0.0081	No	0.0058	No	0	3
AOC 19 (a)	75-01-4	Vinyl chloride	mg/kg	0.079067784	0.0081	No	0.0058	No	0	3
AOC 7 (b)	71-55-6	1,1,1-Trichloroethane	mg/kg	200	0.0067	No	0.0054	No	0	6
AOC 7 (b)	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.407618604	0.0067	No	0.0054	No	0	6
AOC 7 (b)	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	2100	0.0067	No	0.0054	No	0	6
AOC 7 (b)	79-00-5	1,1,2-Trichloroethane	mg/kg	0.728625386	0.0067	No	0.0054	No	0	6
AOC 7 (b)	92-52-4	1,1-Biphenyl	mg/kg	301.444942	2.4	No	0.4	No	0	5
AOC 7 (b)	75-34-3	1,1-Dichloroethane	mg/kg	50.63968328	0.0067	No	0.0054	No	0	6
AOC 7 (b)	75-35-4	1,1-Dichloroethene	mg/kg	12.3530677	0.0067	No	0.0054	No	0	6
AOC 7 (b)	120-82-1	1,2,4-Trichlorobenzene	mg/kg	6.215976296	0.0067	No	0.0054	No	0	6
AOC 7 (b)	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	0.46	0.0067	No	0.0054	No	0	6
AOC 7 (b)	106-93-4	1,2-Dibromoethane	mg/kg	0.032	0.0067	No	0.0054	No	0	6
AOC 7 (b)	95-50-1	1,2-Dichlorobenzene	mg/kg	110	0.0067	No	0.0054	No	0	6
AOC 7 (b)	107-06-2	1,2-Dichloroethane	mg/kg	0.277731051	0.0067	No	0.0054	No	0	6
AOC 7 (b)	78-87-5	1,2-Dichloropropane	mg/kg	0.342162762	0.0067	No	0.0054	No	0	6
AOC 7 (b)	541-73-1	1,3-Dichlorobenzene	mg/kg	53.13493772	0.0067	No	0.0054	No	0	6
AOC 7 (b)	106-46-7	1,4-Dichlorobenzene	mg/kg	3.446542497	0.0067	No	0.0054	No	0	6
AOC 7 (b)	108-60-1	2,2'-Oxybis(1-Chloropropane)	mg/kg	2.884215512	2.4	No	0.4	No	0	5
AOC 7 (b)	95-95-4	2,4,5-Trichlorophenol	mg/kg	611.0309701	2.4	No	0.4	No	0	5
AOC 7 (b)	88-06-2	2,4,6-Trichlorophenol	mg/kg	6.110309701	2.4	No	0.4	No	0	5
AOC 7 (b)	120-83-2	2,4-Dichlorophenol	mg/kg	18.3309291	2.4	No	0.4	No	0	5
AOC 7 (b)	105-67-9	2,4-Dimethylphenol	mg/kg	122.206194	2.4	No	0.4	No	0	5
AOC 7 (b)	51-28-5	2,4-Dinitrophenol	mg/kg	12.2206194	12	No	2.1	No	0	5
AOC 7 (b)	121-14-2	2,4-Dinitrotoluene	mg/kg	12.2206194	2.4	No	0.4	No	0	5
AOC 7 (b)	606-20-2	2,6-Dinitrotoluene	mg/kg	6.110309701	2.4	No	0.4	No	0	5
AOC 7 (b)	78-93-3	2-Butanone	mg/kg	2231.119777	0.013	No	0.011	No	0	6
AOC 7 (b)	91-58-7	2-Chloronaphthalene	mg/kg	493.6640536	2.4	No	0.4	No	0	5
AOC 7 (b)	95-57-8	2-Chlorophenol	mg/kg	6.339845745	2.4	No	0.4	No	0	5
AOC 7 (b)	591-78-6	2-Hexanone	mg/kg	528.0885751	0.013	No	0.011	No	0	6
AOC 7 (b)	88-74-4	2-Nitroaniline	mg/kg	18.27722139	12	No	2.1	No	0	5
AOC 7 (b)	88-75-5	2-Nitrophenol	mg/kg	6.339845745	2.4	No	0.4	No	0	5
AOC 7 (b)	91-94-1	3,3'-Dichlorobenzidine	mg/kg	1.080845583	2.4	Yes	0.4	No	2	5
AOC 7 (b)	99-09-2	3-Nitroaniline	mg/kg	1.83309291	12	Yes	2.1	Yes	5	5
AOC 7 (b)	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	12	Yes	2.1	Yes	5	5

Table H-4A
Detection Limit Evaluation - Chemicals Never Detected in Sediment

Area	CAS No.	Chemical	Units	PRG Resid. Soil (c)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Number of DLs Exceeding PRG	Sample Count
AOC 7 (b)	101-55-3	4-Bromophenylphenyl ether	mg/kg		2.4	NA	0.4	NA		5
AOC 7 (b)	59-50-7	4-Chloro-3-methylphenol	mg/kg		2.4	NA	0.4	NA		5
AOC 7 (b)	106-47-8	4-Chloroaniline	mg/kg	24.4412388	2.4	No	0.4	No	0	5
AOC 7 (b)	7005-72-3	4-Chlorophenylphenyl ether	mg/kg		2.4	NA	0.4	NA		5
AOC 7 (b)	108-10-1	4-Methyl-2-pentanone	mg/kg	528.0885751	0.013	No	0.011	No	0	6
AOC 7 (b)	100-01-6	4-Nitroaniline	mg/kg	23.16097678	12	No	2.1	No	0	5
AOC 7 (b)	100-02-7	4-Nitrophenol	mg/kg	6.339845745	12	Yes	2.1	No	1	5
AOC 7 (b)	83-32-9	Acenaphthene	mg/kg	368.1705748	2.4	No	0.039	No	0	5
AOC 7 (b)	98-86-2	Acetophenone	mg/kg	780	2.4	No	0.4	No	0	5
AOC 7 (b)	7440-36-0	Antimony	mg/kg	3.128571233	8.5	Yes	7.1	Yes	5	5
AOC 7 (b)	12674-11-2	Aroclor 1016	mg/kg	0.39330823	0.048	No	0.039	No	0	5
AOC 7 (b)	11104-28-2	Aroclor 1221	mg/kg	0.11	0.098	No	0.079	No	0	5
AOC 7 (b)	11141-16-5	Aroclor 1232	mg/kg	0.11	0.048	No	0.039	No	0	5
AOC 7 (b)	53469-21-9	Aroclor 1242	mg/kg	0.11	0.048	No	0.039	No	0	5
AOC 7 (b)	12672-29-6	Aroclor 1248	mg/kg	0.11	0.048	No	0.039	No	0	5
AOC 7 (b)	11097-69-1	Aroclor 1254	mg/kg	0.11	0.048	No	0.039	No	0	5
AOC 7 (b)	1912-24-9	Atrazine	mg/kg	2.190904294	2.4	Yes	0.4	No	1	5
AOC 7 (b)	111-91-1	Bis(2-Chloroethoxy)methane	mg/kg		2.4	NA	0.4	NA		5
AOC 7 (b)	111-44-4	Bis(2-Chloroethyl)ether	mg/kg	0.217502019	2.4	Yes	0.4	Yes	5	5
AOC 7 (b)	75-27-4	Bromodichloromethane	mg/kg	0.824275042	0.0067	No	0.0054	No	0	6
AOC 7 (b)	75-25-2	Bromoform	mg/kg	61.56888849	0.0067	No	0.0054	No	0	6
AOC 7 (b)	74-83-9	Bromomethane	mg/kg	0.389656117	0.0067	No	0.0054	No	0	6
AOC 7 (b)	85-68-7	Butylbenzylphthalate	mg/kg	1222.06194	2.4	No	0.4	No	0	5
AOC 7 (b)	105-60-2	Caprolactam	mg/kg	3055.15485	12	No	2.1	No	0	5
AOC 7 (b)	56-23-5	Carbon tetrachloride	mg/kg	0.251246068	0.0067	No	0.0054	No	0	6
AOC 7 (b)	108-90-7	Chlorobenzene	mg/kg	15.06578627	0.0067	No	0.0054	No	0	6
AOC 7 (b)	75-00-3	Chloroethane	mg/kg	3.025815812	0.013	No	0.011	No	0	6
AOC 7 (b)	75-00-3	Chloroethane	mg/kg	3.025815812	0.013	No	0.011	No	0	6
AOC 7 (b)	67-66-3	Chloroform	mg/kg	0.220791771	0.0067	No	0.0054	No	0	6
AOC 7 (b)	74-87-3	Chloromethane	mg/kg	4.685346206	0.0067	No	0.0054	No	0	6
AOC 7 (b)	156-59-2	cis-1,2-Dichloroethene	mg/kg	4.294190036	0.0067	No	0.0054	No	0	6
AOC 7 (b)	10061-01-5	cis-1,3-Dichloropropene	mg/kg	0.776532354	0.0067	No	0.0054	No	0	6
AOC 7 (b)	124-48-1	Dibromochloromethane	mg/kg	1.108864857	0.0067	No	0.0054	No	0	6
AOC 7 (b)	75-71-8	Dichlorodifluoromethane	mg/kg	9.387910292	0.0067	No	0.0054	No	0	6
AOC 7 (b)	84-66-2	Diethylphthalate	mg/kg	4888.247761	2.4	No	0.4	No	0	5
AOC 7 (b)	131-11-3	Dimethylphthalate	mg/kg	61000	2.4	No	0.4	No	0	5
AOC 7 (b)	84-74-2	Di-n-butylphthalate	mg/kg	611.0309701	2.4	No	0.4	No	0	5
AOC 7 (b)	117-84-0	Di-n-octylphthalate	mg/kg	244.412388	2.4	No	0.4	No	0	5
AOC 7 (b)	118-74-1	Hexachlorobenzene	mg/kg	0.303987716	2.4	Yes	0.4	Yes	5	5
AOC 7 (b)	87-68-3	Hexachlorobutadiene	mg/kg	1.8	2.4	Yes	0.4	No	1	5
AOC 7 (b)	77-47-4	Hexachlorocyclopentadiene	mg/kg	36.54874986	2.4	No	0.4	No	0	5
AOC 7 (b)	67-72-1	Hexachloroethane	mg/kg	34.74148517	2.4	No	0.4	No	0	5
AOC 7 (b)	78-59-1	Isophorone	mg/kg	511.9794868	2.4	No	0.4	No	0	5
AOC 7 (b)	98-82-8	Isopropylbenzene	mg/kg	15.70273706	0.0067	No	0.0054	No	0	6
AOC 7 (b)	79-20-9	Methyl acetate	mg/kg	2208.674401	0.013	No	0.011	No	0	6
AOC 7 (b)	1634-04-4	Methyl-tert-butyl-ether	mg/kg	16.70074836	0.0067	No	0.0054	No	0	6
AOC 7 (b)	98-95-3	Nitrobenzene	mg/kg	1.964120482	2.4	Yes	0.4	No	1	5
AOC 7 (b)	621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.06948293	2.4	Yes	0.4	Yes	5	5

Table H-4A
Detection Limit Evaluation - Chemicals Never Detected in Sediment

Area	CAS No.	Chemical	Units	PRG Resid. Soil (c)	Maximum DL	Maximum DL Exceeds PRG?	Minimum DL	Minimum DL Exceeds PRG?	Number of DLs Exceeding PRG	Sample Count
AOC 7 (b)	86-30-6	N-Nitrosodiphenylamine	mg/kg	99.26132907	2.4	No	0.4	No	0	5
AOC 7 (b)	95-48-7	o-Cresol (2-Methylphenol)	mg/kg	305.515485	2.4	No	0.4	No	0	5
AOC 7 (b)	106-44-5	p-Cresol (4-Methylphenol)	mg/kg	30.5515485	2.4	No	0.4	No	0	5
AOC 7 (b)	87-86-5	Pentachlorophenol	mg/kg	2.978985095	12	Yes	2.1	No	2	5
AOC 7 (b)	108-95-2	Phenol	mg/kg	1833.09291	2.4	No	0.4	No	0	5
AOC 7 (b)	7440-22-4	Silver	mg/kg	39.10711227	1.4	No	1.2	No	0	5
AOC 7 (b)	100-42-5	Styrene	mg/kg	440	0.0067	No	0.0054	No	0	6
AOC 7 (b)	127-18-4	Tetrachloroethene	mg/kg	0.483591399	0.0067	No	0.0054	No	0	6
AOC 7 (b)	7440-28-0	Thallium	mg/kg	0.51621428	64.8	Yes	5.9	Yes	5	5
AOC 7 (b)	156-60-5	trans-1,2-Dichloroethene	mg/kg	6.848962718	0.0067	No	0.0054	No	0	6
AOC 7 (b)	10061-02-6	trans-1,3-Dichloropropene	mg/kg	0.776532354	0.0067	No	0.0054	No	0	6
AOC 7 (b)	79-01-6	Trichloroethene	mg/kg	0.052983337	0.0067	No	0.0054	No	0	6
AOC 7 (b)	75-69-4	Trichlorofluoromethane	mg/kg	38.58178986	0.0067	No	0.0054	No	0	6
AOC 7 (b)	75-01-4	Vinyl chloride	mg/kg	0.079067784	0.0067	No	0.0054	No	0	6
Great Miami River	71-55-6	1,1,1-Trichloroethane	mg/kg	200	0.0094	No	0.0056	No	0	10
Great Miami River	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	0.407818604	0.0094	No	0.0056	No	0	10
Great Miami River	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	2100	0.0094	No	0.0056	No	0	10
Great Miami River	79-00-5	1,1,2-Trichloroethane	mg/kg	0.728625386	0.0094	No	0.0056	No	0	10
Great Miami River	92-52-4	1,1-Biphenyl	mg/kg	301.444942	46	No	0.39	No	0	10
Great Miami River	75-34-3	1,1-Dichloroethane	mg/kg	50.63968328	0.0094	No	0.0056	No	0	10
Great Miami River	75-35-4	1,1-Dichloroethene	mg/kg	12.3530877	0.0094	No	0.0056	No	0	10
Great Miami River	120-82-1	1,2,4-Trichlorobenzene	mg/kg	6.215976296	0.0094	No	0.0056	No	0	10
Great Miami River	96-12-8	1,2-Dibromo-3-chloropropane	mg/kg	0.46	0.0094	No	0.0056	No	0	10
Great Miami River	106-93-4	1,2-Dibromoethane	mg/kg	0.032	0.0094	No	0.0056	No	0	10
Great Miami River	95-50-1	1,2-Dichlorobenzene	mg/kg	110	0.0094	No	0.0056	No	0	10
Great Miami River	107-06-2	1,2-Dichloroethane	mg/kg	0.277731051	0.0094	No	0.0056	No	0	10
Great Miami River	78-87-5	1,2-Dichloropropane	mg/kg	0.342162762	0.0094	No	0.0056	No	0	10
Great Miami River	541-73-1	1,3-Dichlorobenzene	mg/kg	53.13493772	0.0094	No	0.0056	No	0	10
Great Miami River	106-46-7	1,4-Dichlorobenzene	mg/kg	3.446542497	0.0094	No	0.0056	No	0	10
Great Miami River	108-60-1	2,2'-Oxybis(1-Chloropropane)	mg/kg	2.884215512	46	Yes	0.39	No	1	10
Great Miami River	95-95-4	2,4,5-Trichlorophenol	mg/kg	611.0309701	46	No	0.39	No	0	10
Great Miami River	88-06-2	2,4,6-Trichlorophenol	mg/kg	6.110309701	46	Yes	0.39	No	1	10
Great Miami River	120-83-2	2,4-Dichlorophenol	mg/kg	18.3309291	46	Yes	0.39	No	1	10
Great Miami River	105-67-9	2,4-Dimethylphenol	mg/kg	122.206194	46	No	0.39	No	0	10
Great Miami River	51-28-5	2,4-Dinitrophenol	mg/kg	12.2206194	240	Yes	2	No	1	10
Great Miami River	121-14-2	2,4-Dinitrotoluene	mg/kg	12.2206194	46	Yes	0.39	No	1	10
Great Miami River	606-20-2	2,6-Dinitrotoluene	mg/kg	6.110309701	46	Yes	0.39	No	1	10
Great Miami River	91-58-7	2-Chloronaphthalene	mg/kg	493.6640536	46	No	0.39	No	0	10
Great Miami River	95-57-8	2-Chlorophenol	mg/kg	6.339845745	46	Yes	0.39	No	1	10
Great Miami River	591-78-6	2-Hexanone	mg/kg	528.0885751	0.019	No	0.011	No	0	10
Great Miami River	91-57-6	2-Methylnaphthalene	mg/kg	5.591605683	46	Yes	0.39	No	1	10
Great Miami River	88-74-4	2-Nitroaniline	mg/kg	18.27722139	240	Yes	2	No	1	10
Great Miami River	88-75-5	2-Nitrophenol	mg/kg	6.339845745	46	Yes	0.39	No	1	10
Great Miami River	91-94-1	3,3'-Dichlorobenzidine	mg/kg	1.080845583	46	Yes	0.39	No	4	10
Great Miami River	99-09-2	3-Nitroaniline	mg/kg	1.83309291	240	Yes	2	Yes	10	10
Great Miami River	534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	0.61103097	240	Yes	2	Yes	10	10
Great Miami River	101-55-3	4-Bromophenylphenyl ether	mg/kg		46	NA	0.39	NA		10
Great Miami River	59-50-7	4-Chloro-3-methylphenol	mg/kg		46	NA	0.39	NA		10