

**Appendix A**  
**AOC-61 Analytical Results Summary**

Sample ID	AOC61-SS01			AOC61-SS01			AOC61-SS02			AOC61-SS02			AOC61-SS03			AOC61-SS03													
	Sample Date	Sample Type	Beginning Depth	Ending Depth	Lab ID	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution									
	01/14/00	N1	0.	0.5	AP87746				02/11/00	N1	0.	0.5	AP88782				01/14/00	N1	0.	0.5	AP87748				02/11/00	N1	0.	0.5	AP88784
<b>SW6010B (mg/kg)</b>																													
Barium						44.42	J	1				20.01	J	1				18.91	J	1									
Chromium						12.1	F	1				7.1	F	1				7.2	F	1									
Copper						11.64	J	1				6.43	J	1				5.72	J	1									
Nickel						8.66	M	1				5.29	M	1				5.02	M	1									
Zinc						23.01	M	1				14.79	M	1				11.23	M	1									
<b>SW7060A (mg/kg)</b>																													
Arsenic						2.54	M	1				1.59	M	1				2.17	M	1									
<b>SW7131A (mg/kg)</b>																													
Cadmium						0.21	J	1				0.24	J	1				0.13	J	1									
<b>SW7421 (mg/kg)</b>																													
Lead						18.32	M	2				17.34	M	2				15.87	M	2									
<b>SW7471A (mg/kg)</b>																													
Mercury						0.04	M	1				0.01	M	1				0.03	M	1									
<b>SW8260B (mg/kg)</b>																													
Benzene																													
Bromobenzene						0.0003	U	1				0.0003	U	1				0.0003	U	1									
Bromochloromethane						0.0003	M	1				0.0003	M	1				0.0003	M	1									
Bromodichloromethane						0.0004	U	1				0.0004	U	1				0.0004	U	1									
Bromoform						0.0003	U	1				0.0003	U	1				0.0003	U	1									
Bromomethane						0.0005	M	1				0.0005	M	1				0.0005	M	1									
Butylbenzene, N-						0.0007	M	1				0.0007	M	1				0.0007	M	1									
Butylbenzene, sec-						0.0006	M	1				0.0006	M	1				0.0006	M	1									
Butylbenzene, tert-						0.0004	M	1				0.0004	M	1				0.0004	M	1									
Carbon tetrachloride						0.0005	M	1				0.0005	M	1				0.0005	M	1									
Chlorobenzene						0.001	U	1				0.001	U	1				0.001	U	1									
Chloroethane						0.0003	M	1				0.0003	M	1				0.0003	M	1									
Chloroform						0.0009	U	1				0.0009	U	1				0.0009	U	1									
Chlorohexane, 1-						0.0008	F	1				0.0004	F	1				0.0006	F	1									
Chloromethane						0.0003	M	1				0.0003	M	1				0.0003	M	1									
Chlorotoluene, 2-						0.0008	M	1				0.0008	M	1				0.0008	M	1									
Chlorotoluene, 4-						0.0007	M	1				0.0007	M	1				0.0007	M	1									
Dibromo-3-chloropropane, 1,2-						0.0006	M	1				0.0006	M	1				0.0006	M	1									
Dibromochloromethane						0.007	U	1				0.007	U	1				0.007	U	1									
Dibromomethane						0.0003	U	1				0.0003	U	1				0.0003	U	1									
Dichlorobenzene, 1,2-						0.001	U	1				0.001	U	1				0.001	U	1									
Dichlorobenzene, 1,3-						0.0005	M	1				0.0005	M	1				0.0005	M	1									
Dichlorobenzene, 1,4-						0.0022	M	1				0.0022	M	1				0.0022	M	1									
Dichlorodifluoromethane						0.0007	M	1				0.0007	M	1				0.0007	M	1									
						0.0008	M	1				0.0008	M	1				0.0008	M	1									

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**AOC-61 Analytical Results Summary**

Sample ID	AOC61-SS01			AOC61-SS01			AOC61-SS02			AOC61-SS02			AOC61-SS03			AOC61-SS03				
	Sample Date	Sample Type	Beginning Depth	Ending Depth	Lab ID	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution
	01/14/00	N1	0.	0.5	AP87746															
Dichloroethane, 1,1-						0.0003	U	1				0.0003	U	1				0.0003	U	1
Dichloroethane, 1,2-						0.0002	U	1				0.0002	U	1				0.0002	U	1
Dichloroethene, 1,1-						0.0008	U	1				0.0008	U	1				0.0008	U	1
Dichloroethene, cis-1,2-						0.0002	U	1				0.0002	U	1				0.0002	U	1
Dichloroethene, trans-1,2-						0.0003	U	1				0.0003	U	1				0.0003	U	1
Dichloropropane, 1,2-						0.0002	U	1				0.0002	U	1				0.0002	U	1
Dichloropropane, 1,3-						0.0004	U	1				0.0004	U	1				0.0004	U	1
Dichloropropane, 2,2-						0.001	U	1				0.001	U	1				0.001	U	1
Dichloropropene, 1,1-						0.0006	M	1				0.0006	M	1				0.0006	M	1
Dichloropropene, cis-1,3-						0.0002	M	1				0.0002	M	1				0.0002	M	1
Dichloropropene, trans-1,3-						0.0004	M	1				0.0004	M	1				0.0004	M	1
Ethylbenzene						0.0004	M	1				0.0004	M	1				0.0004	M	1
Ethylene dibromide						0.0013	M	1				0.0013	M	1				0.0013	M	1
Hexachlorobutadiene						0.0006	M	1				0.0006	M	1				0.0006	M	1
Isopropylbenzene						0.0004	M	1				0.0004	M	1				0.0004	M	1
Isopropyltoluene, 4- (Cymene, p-)						0.0005	M	1				0.0005	M	1				0.0005	M	1
Methylene chloride						0.0007	U	1				0.0007	U	1				0.0007	U	1
Naphthalene						0.001	M	1				0.001	M	1				0.001	M	1
Propylbenzene, N-						0.0008	M	1				0.0008	M	1				0.0008	M	1
Styrene						0.0013	M	1				0.0013	M	1				0.0013	M	1
Tetrachloroethane, 1,1,1,2-						0.0004	M	1				0.0004	M	1				0.0004	M	1
Tetrachloroethane, 1,1,2,2-						0.0005	M	1				0.0005	M	1				0.0005	M	1
Tetrachloroethene						0.0005	M	1				0.0005	M	1				0.0005	M	1
Toluene						0.0003	M	1				0.0003	M	1				0.0003	M	1
Trichlorobenzene, 1,2,3-						0.0008	M	1				0.0008	M	1				0.0008	M	1
Trichlorobenzene, 1,2,4-						0.0006	M	1				0.0006	M	1				0.0006	M	1
Trichloroethane, 1,1,1-						0.0004	U	1				0.0004	U	1				0.0004	U	1
Trichloroethane, 1,1,2-						0.0003	U	1				0.0003	U	1				0.0003	U	1
Trichloroethene						0.001	U	1				0.001	U	1				0.001	U	1
Trichlorofluoromethane						0.0009	M	1				0.0009	M	1				0.0009	M	1
Trichloropropane, 1,2,3-						0.001	U	1				0.001	U	1				0.001	U	1
Trimethylbenzene, 1,2,4-						0.0004	M	1				0.0004	M	1				0.0004	M	1
Trimethylbenzene, 1,3,5-						0.0004	M	1				0.0004	M	1				0.0004	M	1
Vinyl chloride						0.0008	U	1				0.0008	U	1				0.0008	U	1
Xylene, m,p-						0.0008	M	1				0.0008	M	1				0.0008	M	1
Xylene, o-						0.0004	M	1				0.0004	M	1				0.0004	M	1

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**AOC-61 Analytical Results Summary**

Sample ID	AOC61-SS01			AOC61-SS01			AOC61-SS02			AOC61-SS02			AOC61-SS03			AOC61-SS03					
	Sample Date	Sample Type	Beginning Depth	Ending Depth	Lab ID	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	
	01/14/00	N1	0.	0.5	AP87746																
	02/11/00	N1	0.	0.5	AP88782																
	01/14/00	N1	0.	0.5	AP87747																
	02/11/00	N1	0.	0.5	AP88783																
	01/14/00	N1	0.	0.5	AP87748																
	02/11/00	N1	0.	0.5	AP88784																
<b>SW8270C (mg/kg)</b>																					
Acenaphthene			0.04	U	1				0.04	U	1				0.04	U	1				
Acenaphthylene			0.03	U	1				0.03	U	1				0.03	U	1				
Anthracene			0.04	U	1				0.04	U	1				0.04	U	1				
Benzo(a)anthracene			0.04	U	1				0.04	U	1				0.04	U	1				
Benzo(a)pyrene			0.05	U	1				0.05	U	1				0.05	U	1				
Benzo(b)fluoranthene			0.06	U	1				0.06	U	1				0.06	U	1				
Benzo(g,h,i)perylene			0.04	U	1				0.04	U	1				0.04	U	1				
Benzoic acid			0.02	U	1				0.02	U	1				0.02	U	1				
Benzyl alcohol			0.12	U	1				0.12	U	1				0.12	U	1				
Bis(2-chloroethoxy)methane			0.05	U	1				0.05	U	1				0.05	U	1				
Bis(2-chloroethyl)ether			0.04	U	1				0.04	U	1				0.04	U	1				
Bis(2-chloroisopropyl)ether			0.05	U	1				0.05	U	1				0.05	U	1				
Bis(2-ethylhexyl)phthalate			0.07	F	1				0.15	F	1				0.05	F	1				
Bromophenyl phenyl ether, 4-			0.05	U	1				0.05	U	1				0.05	U	1				
Butylbenzylphthalate			0.04	U	1				0.04	U	1				0.04	U	1				
Chloro-3-methylphenol, 4-			0.04	U	1				0.04	U	1				0.04	U	1				
Chloroaniline, 4-			0.04	U	1				0.04	U	1				0.04	U	1				
Chloronaphthalene, 2-			0.04	U	1				0.04	U	1				0.04	U	1				
Chlorophenol, 2-			0.03	U	1				0.03	U	1				0.03	U	1				
Chlorophenyl phenyl ether, 4-			0.04	U	1				0.04	U	1				0.04	U	1				
Chrysene			0.04	U	1				0.04	U	1				0.04	U	1				
Di-n-butylphthalate			0.04	U	1				0.04	U	1				0.04	U	1				
Di-n-octylphthalate			0.03	U	1				0.03	U	1				0.03	U	1				
Dibenz(a,h)anthracene			0.04	U	1				0.04	U	1				0.04	U	1				
Dibenzofuran			0.04	U	1				0.04	U	1				0.04	U	1				
Dichlorobenzene, 1,2-			0.03	U	1				0.03	U	1				0.03	U	1				
Dichlorobenzene, 1,3-			0.04	U	1				0.04	U	1				0.04	U	1				
Dichlorobenzene, 1,4-			0.03	U	1				0.03	U	1				0.03	U	1				
Dichlorobenzidine, 3,3'-			0.02	R	1				0.02	R	1				0.02	R	1				
Dichlorophenol, 2,4-			0.04	U	1				0.04	U	1				0.04	U	1				
Diethylphthalate			0.04	U	1				0.04	U	1				0.04	U	1				
Dimethylphenol, 2,4-			0.08	U	1				0.08	U	1				0.08	U	1				
Dimethylphthalate			0.04	U	1				0.04	U	1				0.04	U	1				
Dinitro-2-methylphenol, 4,6-			0.03	U	1				0.03	U	1				0.03	U	1				
Dinitrophenol, 2,4-			0.03	U	1				0.03	U	1				0.03	U	1				
Dinitrotoluene, 2,4-			0.05	U	1				0.05	U	1				0.05	U	1				
Dinitrotoluene, 2,6-			0.04	U	1				0.04	U	1				0.04	U	1				
Fluoranthene			0.04	U	1				0.04	U	1				0.04	U	1				

**Appendix A**  
**AOC-61 Analytical Results Summary**

Sample ID	AOC61-SS01			AOC61-SS01			AOC61-SS02			AOC61-SS02			AOC61-SS03			AOC61-SS03							
	Sample Date	Sample Type	Beginning Depth	Ending Depth	Lab ID	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution			
	01/14/00	N1	0.	0.5	AP87746																		
	02/11/00	N1	0.	0.5	AP88782																		
	01/14/00	N1	0.	0.5	AP87747																		
	02/11/00	N1	0.	0.5	AP88783																		
	01/14/00	N1	0.	0.5	AP87748																		
	02/11/00	N1	0.	0.5	AP88784																		
Fluorene	0.04	U	1			0.04	U	1			0.04	U	1			0.04	U	1			0.04	U	1
Hexachlorobenzene	0.05	U	1			0.05	U	1			0.05	U	1			0.05	U	1			0.05	U	1
Hexachlorobutadiene	0.06	U	1			0.06	U	1			0.06	U	1			0.06	U	1			0.06	U	1
Hexachlorocyclopentadiene	0.03	U	1			0.03	U	1			0.03	U	1			0.03	U	1			0.03	U	1
Hexachloroethane	0.04	U	1			0.04	U	1			0.04	U	1			0.04	U	1			0.04	U	1
Indeno(1,2,3-cd)pyrene	0.04	U	1			0.04	U	1			0.04	U	1			0.04	U	1			0.04	U	1
Isophorone	0.04	U	1			0.04	U	1			0.04	U	1			0.04	U	1			0.04	U	1
Methylnaphthalene, 2-	0.05	U	1			0.05	U	1			0.05	U	1			0.05	U	1			0.05	U	1
Methylphenol, 2- (Cresol, o-)	0.02	U	1			0.02	U	1			0.02	U	1			0.02	U	1			0.02	U	1
Methylphenol, 4- (Cresol, p-)	0.04	U	1			0.04	U	1			0.04	U	1			0.04	U	1			0.04	U	1
Naphthalene	0.04	U	1			0.04	U	1			0.04	U	1			0.04	U	1			0.04	U	1
Nitroaniline, 2-	0.04	U	1			0.04	U	1			0.04	U	1			0.04	U	1			0.04	U	1
Nitroaniline, 3-	0.01	U	1			0.01	U	1			0.01	U	1			0.01	U	1			0.01	U	1
Nitroaniline, 4-	0.03	U	1			0.03	U	1			0.03	U	1			0.03	U	1			0.03	U	1
Nitrobenzene	0.05	U	1			0.05	U	1			0.05	U	1			0.05	U	1			0.05	U	1
Nitrophenol, 2-	0.04	U	1			0.04	U	1			0.04	U	1			0.04	U	1			0.04	U	1
Nitrophenol, 4-	0.04	U	1			0.04	U	1			0.04	U	1			0.04	U	1			0.04	U	1
Nitroso-di-n-propylamine, N-	0.04	U	1			0.04	U	1			0.04	U	1			0.04	U	1			0.04	U	1
Nitrosodiphenylamine, N-	0.05	U	1			0.05	U	1			0.05	U	1			0.05	U	1			0.05	U	1
Pentachlorophenol	0.03	U	1			0.03	U	1			0.03	U	1			0.03	U	1			0.03	U	1
Phenanthrene	0.04	U	1			0.04	U	1			0.04	U	1			0.04	U	1			0.04	U	1
Phenol	0.04	U	1			0.04	U	1			0.04	U	1			0.04	U	1			0.04	U	1
Pyrene	0.05	U	1			0.05	U	1			0.05	U	1			0.05	U	1			0.05	U	1
Trichlorobenzene, 1,2,4-	0.04	U	1			0.04	U	1			0.04	U	1			0.04	U	1			0.04	U	1
Trichlorophenol, 2,4,5-	0.04	U	1			0.04	U	1			0.04	U	1			0.04	U	1			0.04	U	1
Trichlorophenol, 2,4,6-	0.04	U	1			0.04	U	1			0.04	U	1			0.04	U	1			0.04	U	1

All samples were analyzed by APPL Inc.  
Referenced laboratory package numbers: APPL Inc.: 31789, 31982  
All MS/MSD results are presented in the Data Verification Report, Appendix B.

**Abbreviations/Notes:**  
DL Dilution  
FD1 Field Duplicate  
N1 Environmental Sample

**Data Qualifiers:**  
F- The analyte was positively identified but the associated numerical value is below the RL.  
J - The analyte was positively identified, the quantitation is an estimation.  
M - A matrix effect was present.  
R- The data are unusable due to deficiencies in the ability to analyze the sample and meet QC criteria  
U- The analyte was analyzed for, but not detected. The associated numerical value is the MDL