

**Appendix A**  
**AOC-58 Analytical Results Summary**

Sample ID	AOC58-SS01			AOC58-SS01			AOC58-SS01			AOC58-SS02			AOC58-SS02			AOC58-SS03			AOC58-SS100			AOC58-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	Results	Flags	Dilution	
	01/14/00	N1	0.	0.5	AP87749				02/11/00	N1	0.	0.5	AP88778				02/11/00	FD1	0.	0.5	AP88779			
<b>SW6010B (mg/kg)</b>																								
Barium	31.33	J	1																					
Chromium	9.4	F	1																					
Copper	9.19	J	1																					
Nickel	6.71	M	1																					
Zinc	25.49	M	1																					
<b>SW7060A (mg/kg)</b>																								
Arsenic	2.02	M	1																					
<b>SW7131A (mg/kg)</b>																								
Cadmium	0.31		1																					
<b>SW7421 (mg/kg)</b>																								
Lead	19.92	M	2																					
<b>SW7471A (mg/kg)</b>																								
Mercury	3.2	M	5																					
<b>SW8260B (mg/kg)</b>																								
Benzene						0.0003	U	1																
Bromobenzene						0.0003	M	1																
Bromochloromethane						0.0004	U	1																
Bromodichloromethane						0.0003	U	1																
Bromofrom						0.0005	M	1																
Bromomethane						0.0007	M	1																
Butylbenzene, N-						0.0006	M	1																
Butylbenzene, sec-						0.0004	M	1																
Butylbenzene, tert-						0.0005	M	1																
Carbon tetrachloride						0.001	U	1																
Chlorobenzene						0.0003	M	1																
Chloroethane						0.0009	U	1																
Chloroform						0.0005	F	1																
Chlorohexane, 1-						0.0003	M	1																
Chloromethane						0.0008	M	1																
Chlorotoluene, 2-						0.0007	M	1																
Chlorotoluene, 4-						0.0006	M	1																
Dibromo-3-chloropropane, 1,2-						0.007	U	1																
Dibromochloromethane						0.0003	U	1																
Dibromomethane						0.001	U	1																
Dichlorobenzene, 1,2-						0.0005	M	1																
Dichlorobenzene, 1,3-						0.0022	M	1																
Dichlorobenzene, 1,4-						0.0007	M	1																
Dichlorodifluoromethane						0.0008	M	1																
Dichloroethane, 1,1-						0.0003	U	1																
Dichloroethane, 1,2-						0.0002	U	1																
Dichloroethane, 1,1-						0.0008	U	1																
Dichloroethane, cis-1,2-						0.0002	U	1																
Dichloroethane, trans-1,2-						0.0003	U	1																
Dichloropropane, 1,2-						0.0002	U	1																
Dichloropropane, 1,3-						0.0004	U	1																
Dichloropropane, 2,2-						0.001	U	1																
Dichloropropene, 1,1-						0.0006	M	1																
Dichloropropene, cis-1,3-						0.0002	M	1																
Dichloropropene, trans-1,3-						0.0004	M	1																
Ethylbenzene						0.0004	M	1																
Ethylene dibromide						0.0013	M	1																
Hexachlorobutadiene						0.0006	M	1																
Isopropylbenzene						0.0004	M	1																
Isopropyltoluene, 4- (Cymene, p-)						0.0005	M	1																
Methylene chloride						0.0007	U	1																
Naphthalene						0.001	M	1																
Propylbenzene, N-						0.0008	M	1																
Styrene						0.0013	M	1																

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Sample ID	AOC58-SS01			AOC58-SS01			AOC58-SS01			AOC58-SS02			AOC58-SS02			AOC58-SS03			AOC58-SS100			AOC58-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	Results	Flags	Dilution		
	01/14/00	N1	0.	0.5	AP87749				02/11/00	N1	0.	0.5	AP88778				02/11/00	FD1	0.	0.5	AP88779				
Tetrachloroethane, 1,1,1,2-						0.0004	M	1																	
Tetrachloroethane, 1,1,2,2-						0.0005	M	1																	
Tetrachloroethene						0.0005	M	1																	
Toluene						0.0003	M	1															0.0012	M	1
Trichlorobenzene, 1,2,3-						0.0008	M	1															0.0008	M	1
Trichlorobenzene, 1,2,4-						0.0006	M	1															0.0006	M	1
Trichloroethane, 1,1,1-						0.0004	U	1															0.0004	U	1
Trichloroethane, 1,1,2-						0.0003	U	1															0.0003	U	1
Trichloroethene						0.001	U	1															0.001	U	1
Trichlorofluoromethane						0.0009	M	1															0.0009	M	1
Trichloropropane, 1,2,3-						0.001	U	1															0.001	U	1
Trimethylbenzene, 1,2,4-						0.0004	M	1															0.0004	M	1
Trimethylbenzene, 1,3,5-						0.0004	M	1															0.0004	M	1
Vinyl chloride						0.0008	U	1															0.0008	U	1
Xylene, m,p-						0.0008	M	1															0.0008	M	1
Xylene, o-						0.0004	M	1															0.0004	M	1

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	Sample Date	01/14/00	02/11/00	02/11/00	02/11/00	02/11/00	01/14/00	02/11/00	02/11/00	01/14/00	02/11/00	01/14/00	01/14/00	01/14/00	02/11/00	02/11/00								
Sample Type	N1	N1	N1	FD1	N1	N1	N1	N1	N1	N1	N1	N1	N1	N1	N1									
Beginning Depth	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.									
Ending Depth	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5									
Lab ID	AP87749	AP87778	AP87779	AP87750	AP87780	AP87751	AP87753	AP87781																
	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution
<b>SW8270C (mg/kg)</b>																								
Acenaphthene	0.04	U	1				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	0.03	U	1						
Anthracene	0.04	U	1				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	0.04	U	1						
Benzo(a)pyrene	0.05	U	1				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	0.06	U	1						
Benzo(g,h,i)perylene	0.04	U	1				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	0.02	U	1						
Benzyl alcohol	0.12	U	1				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	0.05	U	1						
Bis(2-chloroethyl)ether	0.04	U	1				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	0.05	U	1						
Bis(2-ethylhexyl)phthalate	0.07	F	1				0.2	F	1				0.09	F	1	0.15	F	1						
Bromophenyl phenyl ether, 4-	0.05	U	1				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	0.04	U	1						
Chloro-3-methylphenol, 4-	0.04	U	1				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	0.04	U	1						
Chloronaphthalene, 2-	0.04	U	1				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	0.03	U	1						
Chlorophenyl phenyl ether, 4-	0.04	U	1				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	0.04	U	1						
Di-n-butylphthalate	0.04	U	1				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	0.03	U	1						
Dibenz(a,h)anthracene	0.04	U	1				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	0.04	U	1						
Dichlorobenzene, 1,2-	0.03	U	1				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	0.04	U	1						
Dichlorobenzene, 1,4-	0.03	U	1				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	0.02	R	1						
Dichlorophenol, 2,4-	0.04	U	1				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	0.04	U	1						
Dimethylphenol, 2,4-	0.08	U	1				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	0.04	U	1						
Dinitro-2-methylphenol, 4,6-	0.03	U	1				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	0.03	U	1						
Dinitrotoluene, 2,4-	0.05	U	1				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	0.04	U	1						
Fluoranthene	0.04	U	1				0.04	U	1				0.04	U	1	0.04	U	1						
Fluorene	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						
Hexachlorobutadiene	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						
Hexachloroethane	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						
Isophorone	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						
Methylphenol, 2- (Cresol, o-)	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						
Naphthalene	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						
Nitroaniline, 3-	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						
Nitrobenzene	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						
Nitrophenol, 4-	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						
Nitrosodiphenylamine, N-	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						

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Sample ID	AOC58-SS01			AOC58-SS01			AOC58-SS01			AOC58-SS02			AOC58-SS02			AOC58-SS03			AOC58-SS100			AOC58-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	Results	Flags	Dilution	
	01/14/00	N1	0.	0.5	AP87749																			
	02/11/00	N1	0.	0.5	AP88778																			
	02/11/00	FD1	0.	0.5	AP88779																			
	01/14/00	N1	0.	0.5	AP87750																			
	02/11/00	N1	0.	0.5	AP88780																			
	01/14/00	N1	0.	0.5	AP87751																			
	01/14/00	FD1	0.	0.5	AP87753																			
	02/11/00	N1	0.	0.5	AP88781																			
Phenanthrene	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				
Pyrene	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				
Trichlorophenol, 2,4,5-	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				

All samples were analyzed by APPL Inc. and O'Brien and Gere Laboratories  
Referenced laboratory package numbers: APPL Inc.: 22244  
O'Brien and Gere: 5029, 5031  
All MS/MSD results are presented in the Data Verification Report, Appendix C.

**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.