

**Appendix A
B-4 Analytical Results Summary**

Sample ID	B4-SB07			B4-SB08			B4-SB08			B4-SB08			B4-SB08			B4-SB08			B4-SB08			B4-SB09			B4-SB09			B4-SB09			B4-SB09				
	Sample Date	Sample Type	Beginning Depth	Ending Depth	Sample ID	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution			
	04/03/00	FD1	14.5	15	00C00796																														
	04/03/00	FD1	14.5	15	AP90581																														
	04/04/00	N1	0	0.5	00C00797																														
	04/04/00	N1	0	0.5	AP90612																														
	04/04/00	N1	5	5.5	00C00798																														
	04/04/00	N1	5	5.5	AP90613																														
	04/04/00	N1	10	10.5	00C00799																														
	04/04/00	N1	10	10.5	AP90614																														
	04/04/00	N1	15	15.5	00C00780																														
	04/04/00	N1	15	15.5	AP90615																														
	04/04/00	N1	0	0.5	00C00781																														
	04/04/00	N1	0	0.5	AP90616																														
	04/04/00	N1	5	5.5	00C00782																														
	04/04/00	N1	5	5.5	AP90617																														
	04/04/00	N1	9.5	10	00C00783																														
	04/04/00	N1	9.5	10	AP90618																														
SW8270C (mg/kg) (continued)																																			
Nitroaniline, 2-			0.04	U	1				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				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				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				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				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				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				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				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				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				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				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				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				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				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				0.04	U	1
SW8330 (mg/kg)																																			
Dinitrobenzene, 1,3-	0.008	U	1			0.008	U	1			0.008	U	1			0.008	U	1			0.008	U	1				0.008	U	1				0.008	U	1
Dinitrotoluene, 2,4-	0.027	U	1			0.027	U	1			0.027	U	1			0.027	U	1			0.027	U	1				0.027	U	1				0.027	U	1
Dinitrotoluene, 2,6-	0.06	U	1			0.06	U	1			0.06	U	1			0.06	U	1			0.06	U	1				0.06	U	1				0.06	U	1
HMX	0.03	U	1			0.03	U	1			0.03	U	1			0.03	U	1			0.03	U	1				0.03	U	1				0.03	U	1
Nitrobenzene	0.039	U	1			0.039	U	1			0.039	U	1			0.039	U	1			0.039	U	1				0.039	U	1				0.039	U	1
Nitrotoluene, 2-	0.078	U	1			0.078	U	1			0.078	U	1			0.078	U	1			0.078	U	1				0.078	U	1				0.078	U	1
Nitrotoluene, 3-	0.16	U	1			0.16	U	1			0.16	U	1			0.16	U	1			0.16	U	1				0.16	U	1				0.16	U	1
Nitrotoluene, 4-	0.11	U	1			0.11	U	1			0.11	U	1			0.11	U	1			0.11	U	1				0.11	U	1				0.11	U	1
RDX	0.02	U	1			0.02	U	1			0.02	U	1			0.02	U	1			0.02	U	1				0.02	U	1				0.02	U	1
TETRYL	0.022	U	1			0.022	U	1			0.022	U	1			0.022	U	1			0.022	U	1				0.022	U	1				0.022	U	1
Trinitrobenzene, 1,3,5-	0.011	U	1			0.011	U	1			0.011	U	1			0.011	U	1			0.011	U	1				0.011	U	1				0.011	U	1
Trinitrotoluene, 2,4,6-	0.031	U	1			0.031	U	1			0.031	U	1			0.031	U	1			0.031	U	1				0.031	U	1				0.031	U	1

All samples were analyzed by APPL Inc. and DataChem Laboratories.
Referenced laboratory package numbers: APPL Inc.: 32352, 32360, 32368
DataChem: 83-01, 83-02, 84-01, 87-01

All MS/MSD results are presented in the Data Verification Report, Appendix D.

Abbreviations and Notes:

DL - Dilution
FD1 - Field Duplicate
N1 - Environmental Sample

Data Qualifiers:

B - The analyte was found in an associated blank, as well as in the sample.
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.

**Appendix A
B-4 Analytical Results Summary**

Sample ID	B4-SB09			B4-SB09			B4-SB10			B4-SB10			B4-SB11			B4-SB11			B4-SB11			B4-SB11																					
	Sample Date	Sample Type	Beginning Depth	Sample Date	Sample Type	Beginning Depth	Sample Date	Sample Type	Beginning Depth	Sample Date	Sample Type	Beginning Depth	Sample Date	Sample Type	Beginning Depth	Sample Date	Sample Type	Beginning Depth	Sample Date	Sample Type	Beginning Depth	Sample Date	Sample Type	Beginning Depth																			
00C00784	04/04/00	N1	14.5	04/04/00	N1	14.5	04/04/00	FD1	14.5	04/04/00	N1	0	04/04/00	N1	4.5	04/04/00	N1	4.5	04/04/00	N1	0	04/04/00	N1	5	04/04/00	N1	9.5	04/04/00	N1	9.5	04/04/00	N1	15	04/04/00	N1	15							
AP90619	15		15	AP90620	15		00C00786	0.5	0.5	00C00787	5		AP90626	5		00C00800	0.5	0.5	AP90627	5.5		AP90628	5.5		00C00801	5		00C00802	10		AP90629	10		00C00803	15.5		AP90630	15.5					
	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution				
SW6010B (mg/kg)																																											
Barium				12.6	M	1				10	M	1				52.73	J	1			53.15	J	1				38.28	J	1														
Chromium				11.7	M	1				8.2	M	1				13.4	F	1			16.1	J	1				10.3	J	1														
Copper				2.37		1				2.21		1				27.37		1			19.19		1				10.16		1														
Nickel				6.18	M	1				5.83	M	1				8.35	J	1			9.45	J	1				6.91	J	1														
Zinc				11.64		1				10.14		1				30.52		1			65.55		1				21.47		1														
SW7060A (mg/kg)																																											
Arsenic				1.64	M	1				2.66	M	1				1.46	J	1			1.59	J	1				1.65	J	1														
SW7131A (mg/kg)																																											
Cadmium				0.01	U	1				0.04	F	1				1.2		5			0.64		5				0.16		1														
SW7421 (mg/kg)																																											
Lead				3.37	M	1				0.95	M	1				7.35	J	5			6.02	J	5				4.87	J	1														
SW7471A (mg/kg)																																											
Mercury				0.01	U	1				0.01	U	1				1.17	B	1			9.32	B	10				0.92	B	1														
SW8260B (mg/kg)																																											
Benzene				0.0003	U	1				0.0003	U	1				0.0003	U	1			0.0004	F	1				0.0003	U	1														
Bromobenzene				0.0003	U	1				0.0003	U	1				0.0003	U	1			0.0003	U	1				0.0003	U	1														
Bromochloromethane				0.0004	U	1				0.0004	U	1				0.0004	U	1			0.0004	U	1				0.0004	U	1														
Bromodichloromethane				0.0003	U	1				0.0003	U	1				0.0003	U	1			0.0003	U	1				0.0003	U	1														
Bromofrom				0.0005	U	1				0.0005	U	1				0.0005	U	1			0.0005	U	1				0.0005	U	1														
Bromomethane				0.0007	U	1				0.0007	U	1				0.0007	U	1			0.0007	U	1				0.0007	U	1														
Butylbenzene, N-				0.0006	M	1				0.0006	M	1				0.0006	U	1			0.0006	U	1				0.0006	U	1														
Butylbenzene, sec-				0.0004	U	1				0.0004	M	1				0.0004	U	1			0.0004	U	1				0.0004	U	1														
Butylbenzene, tert-				0.0005	M	1				0.0005	M	1				0.0005	U	1			0.0005	U	1				0.0005	U	1														
Carbon tetrachloride				0.001	U	1				0.001	U	1				0.001	U	1			0.001	U	1				0.001	U	1														
Chlorobenzene				0.0003	U	1				0.0003	U	1				0.0003	U	1			0.0003	U	1				0.0003	U	1														
Chloroethane				0.0009	U	1				0.0009	U	1				0.0009	U	1			0.0009	U	1				0.0009	U	1														
Chloroform				0.0003	U	1				0.0003	U	1				0.0003	U	1			0.0003	U	1				0.0003	U	1														
Chlorohexane, 1-				0.0003	M	1				0.0003	M	1				0.0003	U	1			0.0003	U	1				0.0003	U	1														
Chloromethane				0.0008	U	1				0.0008	U	1				0.0008	U	1			0.0008	U	1				0.0008	U	1														
Chlorotoluene, 2-				0.0007	M	1				0.0007	M	1				0.0007	U	1			0.0007	U	1				0.0007	U	1														
Chlorotoluene, 4-				0.0006	M	1				0.0006	M	1				0.0006	U	1			0.0006	U	1				0.0006	U	1														
Dibromo-3-chloropropane, 1,2-				0.007	U	1				0.007	U	1				0.007	U	1			0.007	U	1				0.007	U	1														
Dibromochloromethane				0.0003	U	1				0.0003	U	1				0.0003	U	1			0.0003	U	1				0.0003	U	1														
Dibromomethane				0.001	U	1				0.001	U	1				0.001	U	1			0.001	U	1				0.001	U	1														
Dichlorobenzene, 1,2-				0.0005	M	1				0.0005	M	1				0.0005	U	1			0.0005	U	1				0.0005	U	1														
Dichlorobenzene, 1,3-				0.0022	M	1				0.0022	M	1				0.0022	U	1			0.0022	U	1				0.0022	U	1														
Dichlorobenzene, 1,4-				0.0007	M	1				0.0007	M	1				0.0007	U	1			0.0007	U	1				0.0007	U	1														
Dichlorodifluoromethane				0.0008	M	1				0.0008	M	1				0.0008	U	1			0.0008	U	1				0.0008	U	1														
Dichloroethane, 1,1-				0.0003	U	1				0.0003	U	1				0.0003	U	1			0.0003	U	1				0.0003	U	1														
Dichloroethane, 1,2-				0.0002	U																																						

Appendix A
Analytical Results Summary

Sample ID	B4-SB12		B4-SB12		B4-SB12		B4-SB12		B4-SB12		B4-SB12		B4-SB12		B4-SB13		B4-SB13		B4-SB13		B4-SB13		B4-SB13			
	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	Results	Flags	Dilution
SW6010B (mg/kg)	04/05/00	N1	0	0.5	00C00805																					
Barium						70.13	J	1																		
Chromium																										
Copper																										
Nickel																										
Zinc																										
SW7060A (mg/kg)																										
Arsenic																										
SW7131A (mg/kg)																										
Cadmium																										
SW7421 (mg/kg)																										
Lead																										
SW7471A (mg/kg)																										
Mercury																										
SW8260B (mg/kg)																										
Benzene																										
Bromobenzene																										
Bromochloromethane																										
Bromodichloromethane																										
Bromofluoromethane																										
Bromomethane																										
Butylbenzene, n-																										
Butylbenzene, sec-																										
Butylbenzene, tert-																										
Carbon tetrachloride																										
Chlorobenzene																										
Chloroethane																										
Chloroform																										
Chlorohexane, 1-																										
Chloromethane																										
Chlorotoluene, 2-																										
Chlorotoluene, 4-																										
Dibromo-3-chloropropane, 1,2-																										
Dibromochloromethane																										
Dibromomethane																										
Dichlorobenzene, 1,2-																										
Dichlorobenzene, 1,3-																										
Dichlorobenzene, 1,4-																										
Dichlorodifluoromethane																										
Dichloroethane, 1,1-																										
Dichloroethane, 1,2-																										
Dichloroethane, 1,1-																										
Dichloroethane, cis-1,2-																										
Dichloroethane, trans-1,2-																										
Dichloropropane, 1,2-																										
Dichloropropane, 1,3-																										
Dichloropropane, 2,2-																										
Dichloropropene, 1,1-																										
Dichloropropene, cis-1,3-																										
Dichloropropene, trans-1,3-																										
Ethylbenzene																										
Ethylene dibromide																										
Hexachlorobutadiene																										
Isopropylbenzene																										
Isopropyltoluene, 4- (Cymene, p-)																										
Methylene chloride																										
Naphthalene																										
Propylbenzene, n-																										
Styrene																										
Tetrachloroethane, 1,1,1,2-																										
Tetrachloroethane, 1,1,2,2-																										
Tetrachloroethene																										
Toluene																										
Trichlorobenzene, 1,2,3-																										
Trichlorobenzene, 1,2,4-																										
Trichloroethane, 1,1,1-																										
Trichloroethane, 1,1,2-																										
Trichloroethene																										
Trichlorofluoromethane																										
Trichloropropane, 1,2,3-																										
Trichloropropane, 1,2,4-																										
Trimethylbenzene, 1,2,4-																										
Trimethylbenzene, 1,3,5-																										
Vinyl chloride																										
Xylene, m,p-																										
Xylene, o-																										

**Appendix A
Analytical Results Summary**

Sample ID Sample Date Sample Type Beginning Depth Ending Depth Lab ID	B4-SB12 04/05/00 N1 0 0.5 00C00805			B4-SB12 04/05/00 N1 0 0.5 AP90679			B4-SB12 04/05/00 FD1 0 0.5 00C00806			B4-SB12 04/05/00 FD1 0 0.5 AP90680			B4-SB12 04/05/00 N1 4.5 5 00C00807			B4-SB12 04/05/00 N1 4.5 5 AP90681			B4-SB12 04/05/00 N1 10 10.5 00C00808			B4-SB12 04/05/00 N1 15 15.5 AP90682			B4-SB12 04/05/00 N1 15 15.5 00C00809			B4-SB13 04/05/00 N1 0 0.5 00C00810			B4-SB13 04/05/00 N1 0 0.5 AP90684			B4-SB13 04/05/00 N1 4.5 5 00C00811			B4-SB13 04/05/00 N1 10 10.5 AP90685			B4-SB13 04/05/00 N1 10 10.5 00C00812			B4-SB13 04/05/00 N1 10 10.5 AP90686			B4-SB13 04/05/00 N1 14.5 15 00C00813			B4-SB13 04/05/00 N1 14.5 15 AP90687		
	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution						
SW8330 (mg/kg)																																																			
Dinitrobenzene, 1,3-	0.008	U	1				0.008	U	1				0.008	U	1				0.008	U	1				0.008	U	1				0.008	U	1				0.008	U	1				0.008	U	1						
Dinitrotoluene, 2,4-	0.027	U	1				0.027	U	1				0.027	U	1				0.027	U	1				0.027	U	1				0.027	U	1				0.027	U	1				0.027	U	1						
Dinitrotoluene, 2,6-	0.06	U	1				0.06	U	1				0.06	U	1				0.06	U	1				0.06	U	1				0.06	U	1				0.06	U	1				0.06	U	1						
HMX	0.03	U	1				0.03	U	1				0.03	U	1				0.03	U	1				0.03	U	1				0.03	U	1				0.03	U	1				0.03	U	1						
Nitrobenzene	0.039	U	1				0.039	U	1				0.039	U	1				0.039	U	1				0.039	U	1				0.039	U	1				0.039	U	1				0.039	U	1						
Nitrotoluene, 2-	0.078	U	1				0.078	U	1				0.078	U	1				0.078	U	1				0.078	U	1				0.078	U	1				0.078	U	1				0.078	U	1						
Nitrotoluene, 3-	0.16	U	1				0.16	U	1				0.16	U	1				0.16	U	1				0.16	U	1				0.16	U	1				0.16	U	1				0.16	U	1						
Nitrotoluene, 4-	0.11	U	1				0.11	U	1				0.11	U	1				0.11	U	1				0.11	U	1				0.11	U	1				0.11	U	1				0.11	U	1						
RDX	0.02	U	1				0.02	U	1				0.02	U	1				0.02	U	1				0.02	U	1				0.02	U	1				0.02	U	1				0.02	U	1						
TETRYL	0.022	U	1				0.022	U	1				0.022	U	1				0.022	U	1				0.022	U	1				0.022	U	1				0.022	U	1				0.022	U	1						
Trinitrobenzene, 1,3,5-	0.011	U	1				0.011	U	1				0.011	U	1				0.011	U	1				0.011	U	1				0.011	U	1				0.011	U	1				0.011	U	1						
Trinitrotoluene, 2,4,6-	0.031	U	1				0.031	U	1				0.031	U	1				0.031	U	1				0.031	U	1				0.031	U	1				0.031	U	1				0.031	U	1						

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**Appendix A
Analytical Results Summary**

Sample ID	B4-SB14			B4-SB14			B4-SB14			B4-SB14			B4-SB14			B4-SB14			B4-SB14			B4-SB15			B4-SB15			B4-SB15			B4-SB15			B4-SB15			B4-SB16		
	Sample Date	Sample Type	Beginning Depth	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution			
	04/05/00	N1	0																																				
	04/05/00	N1	0																																				
	04/05/00	N1	4.5																																				
	04/05/00	N1	4.5																																				
	04/05/00	N1	8																																				
	04/05/00	N1	8																																				
	04/05/00	N1	10																																				
	04/05/00	N1	10																																				
	04/05/00	N1	15																																				
	04/05/00	N1	15																																				
	04/05/00	N1	16																																				
	04/05/00	N1	16																																				
	04/06/00	N1	0																																				
	04/06/00	N1	0																																				
	04/06/00	N1	5																																				
	04/06/00	N1	5																																				
	04/06/00	N1	9																																				
	04/06/00	N1	9.5																																				
	04/06/00	N1	17																																				
	04/06/00	N1	17																																				
	04/06/00	N1	16.5																																				
	04/06/00	N1	17																																				
	04/06/00	N1	0.5																																				
	04/06/00	N1	0.5																																				
	04/06/00	N1	0.031																																				
	04/06/00	N1	0.031																																				

All samples were analyzed by APPL Inc. and DataChem Laboratories.
Referenced laboratory package numbers: APPL Inc.: 32352, 32360, 32368
DataChem: 83-01, 83-02, 84-01, 87-01

All MS/MSD results are presented in the Data Verification Report, Appendix D.

Abbreviations and Notes:
DL Dilution
FD1 Field Duplicate
N1 Environmental Sample

Data Qualifiers:
B- The analyte was found in an associated blank, as well as in the sample.
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.

**Appendix A
Analytical Results Summary**

Sample ID	B4-SB16			B4-SB16			B4-SB16			B4-SB16			B4-SB16			B4-SB16			B4-SB16			B4-SB17			B4-SB17			B4-SB17			B4-SB17			B4-SB17			B4-SB17			B4-SB17		
	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	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution	Results	Flags	Dilution				
SW8330 (mg/kg)	04/06/00	N1	0	0.5	AP90713																																					
Dinitrobenzene, 1,3-	04/06/00	FD1	0	0.5	00C00842	0.008	U	1						0.008	U	1				0.008	U	1																				
Dinitrotoluene, 2,4-	04/06/00	FD1	0	0.5	00C00842	0.027	U	1						0.027	U	1				0.027	U	1																				
Dinitrotoluene, 2,6-	04/06/00	FD1	0	0.5	00C00842	0.06	U	1						0.06	U	1				0.06	U	1																				
HMX	04/06/00	FD1	0	0.5	00C00842	0.03	U	1						0.03	U	1				0.03	U	1																				
Nitrobenzene	04/06/00	FD1	0	0.5	00C00842	0.039	U	1						0.039	U	1				0.039	U	1																				
Nitrotoluene, 2-	04/06/00	FD1	0	0.5	00C00842	0.078	U	1						0.078	U	1				0.078	U	1																				
Nitrotoluene, 3-	04/06/00	FD1	0	0.5	00C00842	0.16	U	1						0.16	U	1				0.16	U	1																				
Nitrotoluene, 4-	04/06/00	FD1	0	0.5	00C00842	0.11	U	1						0.11	U	1				0.11	U	1																				
RDX	04/06/00	FD1	0	0.5	00C00842	0.02	U	1						0.02	U	1				0.02	U	1																				
TETRYL	04/06/00	FD1	0	0.5	00C00842	0.022	U	1						0.022	U	1				0.022	U	1																				
Trinitrobenzene, 1,3,5-	04/06/00	FD1	0	0.5	00C00842	0.011	U	1						0.011	U	1				0.011	U	1																				
Trinitrotoluene, 2,4,6-	04/06/00	FD1	0	0.5	00C00842	0.031	U	1						0.031	U	1				0.031	U	1																				

All samples were analyzed by APPL Inc. and DataChem Laboratories.
Referenced laboratory package numbers: APPL Inc.: 32352, 32360, 32368
DataChem: 83-01, 83-02, 84-01, 87-01

All MS/MSD results are presented in the Data Verification Report, Appendix D.

Abbreviations and Notes:

DL Dilution
FD1 Field Duplicate
N1 Environmental Sample

Data Qualifiers:

B- The analyte was found in an associated blank, as well as in the sample.
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.

**Appendix A
Analytical Results Summary**

Sample ID	Dilution
Sample Date	
Sample Type	
Beginning Depth	
Ending Depth	
Lab ID	
SW6010B (mg/kg)	
Barium	1
Chromium	1
Copper	1
Nickel	1
Zinc	1
SW7060A (mg/kg)	
Arsenic	1
SW7131A (mg/kg)	
Cadmium	1
SW7421 (mg/kg)	
Lead	1
SW7471A (mg/kg)	
Mercury	1
SW8260B (mg/kg)	
Benzene	1
Bromobenzene	1
Bromochloromethane	1
Bromodichloromethane	1
Bromoform	1
Bromomethane	1
Butylbenzene, N-	1
Butylbenzene, sec-	1
Butylbenzene, tert-	1
Carbon tetrachloride	1
Chlorobenzene	1
Chloroethane	1
Chloroform	1
Chlorohexane, 1-	1
Chloromethane	1
Chlorotoluene, 2-	1
Chlorotoluene, 4-	1
Dibromo-3-chloropropane, 1,2-	1
Dibromochloromethane	1
Dibromomethane	1
Dichlorobenzene, 1,2-	1
Dichlorobenzene, 1,3-	1
Dichlorobenzene, 1,4-	1
Dichlorodifluoromethane	1
Dichloroethane, 1,1-	1
Dichloroethane, 1,2-	1
Dichloroethane, 1,1-	1
Dichloroethane, cis-1,2-	1
Dichloroethane, trans-1,2-	1
Dichloropropane, 1,2-	1
Dichloropropane, 1,3-	1
Dichloropropane, 2,2-	1
Dichloropropene, 1,1-	1
Dichloropropene, cis-1,3-	1
Dichloropropene, trans-1,3-	1
Ethylbenzene	1
Ethylene dibromide	1
Hexachlorobutadiene	1
Isopropylbenzene	1
Isopropyltoluene, 4- (Cymene, p-)	1
Methylene chloride	1
Naphthalene	1
Propylbenzene, N-	1
Styrene	1
Tetrachloroethane, 1,1,1,2-	1
Tetrachloroethane, 1,1,2,2-	1
Tetrachloroethene	1
Toluene	1
Trichlorobenzene, 1,2,3-	1
Trichlorobenzene, 1,2,4-	1
Trichloroethane, 1,1,1-	1
Trichloroethane, 1,1,2-	1
Trichloroethene	1
Trichlorofluoromethane	1
Trichloropropane, 1,2,3-	1
Trimethylbenzene, 1,2,4-	1
Trimethylbenzene, 1,3,5-	1
Vinyl chloride	1
Xylene, m,p-	1
Xylene, o-	1

**Appendix A
Analytical Results Summary**

Sample ID	Sample Date	Sample Type	Beginning Depth	Ending Depth	Lab ID	Dilution
SW8270C (mg/kg)						
Acenaphthene						1
Acenaphthylene						1
Anthracene						1
Benzo(a)anthracene						1
Benzo(a)pyrene						1
Benzo(b)fluoranthene						1
Benzo(g,h,i)perylene						1
Benzoic acid						1
Benzyl alcohol						1
Bis(2-chloroethoxy)methane						1
Bis(2-chloroethyl)ether						1
Bis(2-chloroisopropyl)ether						1
Bis(2-ethylhexyl)phthalate						1
Bromophenyl phenyl ether, 4-						1
Butylbenzylphthalate						1
Chloro-3-methylphenol, 4-						1
Chloroaniline, 4-						1
Chloronaphthalene, 2-						1
Chlorophenol, 2-						1
Chlorophenyl phenyl ether, 4-						1
Chrysene						1
Di-n-butylphthalate						1
Di-n-octylphthalate						1
Dibenz(a,h)anthracene						1
Dibenzofuran						1
Dichlorobenzene, 1,2-						1
Dichlorobenzene, 1,3-						1
Dichlorobenzene, 1,4-						1
Dichlorobenzidine, 3,3'-						1
Dichlorophenol, 2,4-						1
Diethylphthalate						1
Dimethylphenol, 2,4-						1
Dimethylphthalate						1
Dinitro-2-methylphenol, 4,6-						1
Dinitrophenol, 2,4-						1
Dinitrotoluene, 2,4-						1
Dinitrotoluene, 2,6-						1
Fluoranthene						1
Fluorene						1
Hexachlorobenzene						1
Hexachlorobutadiene						1
Hexachlorocyclopentadiene						1
Hexachloroethane						1
Indeno(1,2,3-cd)pyrene						1
Isophorone						1
Methylnaphthalene, 2-						1
Methylphenol, 2- (Cresol, o-)						1
Methylphenol, 4- (Cresol, p-)						1
Naphthalene						1
Nitroaniline, 2-						1
Nitroaniline, 3-						1
Nitroaniline, 4-						1
Nitrobenzene						1
Nitrophenol, 2-						1
Nitrophenol, 4-						1
Nitroso-di-n-propylamine, N-						1
Nitrosodiphenylamine, N-						1
Pentachlorophenol						1
Phenanthrene						1
Phenol						1
Pyrene						1
Trichlorobenzene, 1,2,4-						1
Trichlorophenol, 2,4,5-						1
Trichlorophenol, 2,4,6-						1

**Appendix A
Analytical Results Summary**

Sample ID	Dilution
Sample Date	
Sample Type	
Beginning Depth	
Ending Depth	
Lab ID	
SW8330 (mg/kg)	
Dinitrobenzene, 1,3-	
Dinitrotoluene, 2,4-	
Dinitrotoluene, 2,6-	
HMX	
Nitrobenzene	
Nitrotoluene, 2-	
Nitrotoluene, 3-	
Nitrotoluene, 4-	
RDX	
TETRYL	
Trinitrobenzene, 1,3,5-	
Trinitrotoluene, 2,4,6-	