

Appendix A
B-23A Analytical Results Summary for Surface Soil

Sample ID Sample Date Matrix Sample Type Lab ID SDG	CS-B23A-1			CS-B23A-1			CS-B23A-2			CS-B23A-3		
	Result	Flag	Dilution	Result	Flag	Dilution	Result	Flag	Dilution	Result	Flag	Dilution
Moisture, Percent	9.5			9.2			17.5			24.9		
SW6010B												
Barium	149.83		1	159.73		1	67.72		1	74.62		1
Chromium	20.2		1	19.2	F	1	16.8	F	1	19.7	F	1
Copper	34.82		1	40.82		1	8.44		1	9.24		1
Nickel	10.65		1	10.3		1	9.44		1	11.16		1
Zinc	33.53		1	32.79		1	22.26		1	30.9		1
SW7060A												
Arsenic	3.72	M	1	8.63	M	5	5.49	M	10	6.87	M	10
SW7131A												
Cadmium	0.5	M	5	0.46	M	5	0.49	M	5	0.51	M	5
SW7421												
Lead	31.55	M	10	38.91	M	10	12.24	M	10	38.02	M	10
SW7471A												
Mercury	0.03	F	1	0.03	F	1	0.04	F	1	0.03	F	1
SW8260												
Acetone							0.4485	T	1			
Benzene	0.0009	U	1	0.0009	U	1	0.0009	U	1	0.0009	U	1
Bromobenzene	0.0009	U	1	0.0009	U	1	0.0009	U	1	0.0009	U	1
Bromochloromethane	0.0008	U	1	0.0008	U	1	0.0008	U	1	0.0008	U	1
Bromodichloromethane	0.0009	U	1	0.0009	U	1	0.0009	U	1	0.0009	U	1
Bromoform	0.0011	U	1	0.0011	U	1	0.0011	U	1	0.0011	U	1
Bromomethane	0.0012	M	1	0.0007	M	1	0.0007	M	1	0.0016	F	1
Butylbenzene, N-	0.001	U	1	0.001	U	1	0.001	U	1	0.001	U	1
Butylbenzene, sec-	0.0011	U	1	0.0011	U	1	0.0011	U	1	0.0011	U	1
Butylbenzene, tert-	0.0012	U	1	0.0012	U	1	0.0012	U	1	0.0012	U	1
Carbon tetrachloride	0.001	U	1	0.001	U	1	0.001	U	1	0.001	U	1
Chlorobenzene	0.0007	U	1	0.0007	U	1	0.0007	U	1	0.0007	U	1
Chloroethane	0.0015	U	1	0.0015	U	1	0.0015	U	1	0.0015	U	1
Chloroform	0.0007	U	1	0.0007	U	1	0.0007	U	1	0.0007	U	1
Chlorohexane, 1-	0.0009	U	1	0.0009	U	1	0.0009	U	1	0.0009	U	1
Chloromethane	0.0015	U	1	0.0015	U	1	0.0015	U	1	0.0015	U	1
Chlorotoluene, 2-	0.0013	U	1	0.0013	U	1	0.0013	U	1	0.0013	U	1
Chlorotoluene, 4-	0.0011	U	1	0.0011	U	1	0.0011	U	1	0.0011	U	1
Dibromo-3-chloropropane, 1,2-	0.002	U	1	0.002	U	1	0.002	U	1	0.002	U	1
Dibromochloromethane	0.0009	U	1	0.0009	U	1	0.0009	U	1	0.0009	U	1
Dibromomethane	0.001	U	1	0.001	U	1	0.001	U	1	0.001	U	1
Dichlorobenzene, 1,2-	0.001	U	1	0.001	U	1	0.001	U	1	0.001	U	1
Dichlorobenzene, 1,3-	0.0011	U	1	0.0011	U	1	0.0011	U	1	0.0011	U	1
Dichlorobenzene, 1,4-	0.0008	U	1	0.0008	U	1	0.0008	U	1	0.0008	U	1
Dichlorodifluoromethane	0.0018	U	1	0.0018	U	1	0.0018	U	1	0.0018	U	1
Dichloroethane, 1,1-	0.001	U	1	0.001	U	1	0.001	U	1	0.001	U	1
Dichloroethane, 1,2-	0.001	U	1	0.001	U	1	0.001	U	1	0.001	U	1
Dichloroethene, 1,1-	0.0011	U	1	0.0011	U	1	0.0011	U	1	0.0011	U	1
Dichloroethene, cis-1,2-	0.0008	U	1	0.0008	U	1	0.0008	U	1	0.0008	U	1
Dichloroethene, trans-1,2-	0.0008	U	1	0.0008	U	1	0.0008	U	1	0.0008	U	1
Dichloropropane, 1,2-	0.0007	U	1	0.0007	U	1	0.0007	U	1	0.0007	U	1
Dichloropropane, 1,3-	0.0007	U	1	0.0007	U	1	0.0007	U	1	0.0007	U	1
Dichloropropane, 2,2-	0.001	U	1	0.001	U	1	0.001	U	1	0.001	U	1
Dichloropropene, 1,1-	0.0012	U	1	0.0012	U	1	0.0012	U	1	0.0012	U	1
Dichloropropene, cis-1,3-	0.0009	U	1	0.0009	U	1	0.0009	U	1	0.0009	U	1
Dichloropropene, trans-1,3-	0.0009	U	1	0.0009	U	1	0.0009	U	1	0.0009	U	1
Ethylbenzene	0.001	U	1	0.001	U	1	0.001	U	1	0.001	U	1
Ethylene dibromide	0.0013	U	1	0.0013	U	1	0.0013	U	1	0.0013	U	1
Hexachlorobutadiene	0.0011	M	1	0.0011	M	1	0.0011	M	1	0.0011	M	1
Isopropylbenzene	0.001	U	1	0.001	U	1	0.001	U	1	0.001	U	1
Isopropyltoluene, 4- (Cymene, p-)	0.0012	U	1	0.0012	U	1	0.0012	U	1	0.0012	U	1
Methylene chloride	0.0013	M	1	0.0013	M	1	0.0046	F	1	0.0013	M	1
Naphthalene	0.001	M	1	0.001	M	1	0.0045	R	1	0.001	M	1
Propylbenzene, N-	0.0012	U	1	0.0012	U	1	0.0012	U	1	0.0012	U	1
Styrene	0.0009	U	1	0.0009	U	1	0.0009	U	1	0.0009	U	1
Tetrachloroethane, 1,1,1,2-	0.0008	M	1	0.0008	M	1	0.0008	M	1	0.0008	M	1
Tetrachloroethane, 1,1,2,2-	0.0009	M	1	0.0009	M	1	0.0009	M	1	0.0009	M	1

Appendix A
B-23A Analytical Results Summary for Surface Soil

Sample ID Sample Date Matrix Sample Type Lab ID SDG	CS-B23A-1			CS-B23A-1			CS-B23A-2			CS-B23A-3		
	Result	Flag	Dilution	Result	Flag	Dilution	Result	Flag	Dilution	Result	Flag	Dilution
	0.0008	U	1	0.0008	U	1	0.0008	U	1	0.0008	U	1
Tetrachloroethene												
Toluene	0.001	U	1	0.001	U	1	0.001	U	1	0.001	U	1
Trichlorobenzene, 1,2,3-	0.001	M	1	0.001	M	1	0.001	M	1	0.001	M	1
Trichlorobenzene, 1,2,4-	0.001	M	1	0.001	M	1	0.001	M	1	0.001	M	1
Trichloroethane, 1,1,1-	0.0009	U	1	0.0009	U	1	0.0009	U	1	0.0009	U	1
Trichloroethane, 1,1,2-	0.0009	U	1	0.0009	U	1	0.0009	U	1	0.0009	U	1
Trichloroethene	0.0012	U	1	0.0012	U	1	0.0012	U	1	0.0012	U	1
Trichlorofluoromethane	0.0013	U	1	0.0013	U	1	0.0013	U	1	0.0013	U	1
Trichloropropane, 1,2,3-	0.001	M	1	0.001	M	1	0.001	M	1	0.001	M	1
Trimethylbenzene, 1,2,4-	0.0011	U	1	0.0011	U	1	0.0011	U	1	0.0011	U	1
Trimethylbenzene, 1,3,5-	0.0011	U	1	0.0011	U	1	0.0011	U	1	0.0011	U	1
Vinyl chloride	0.0034	R	1	0.0034	R	1	0.0034	U	1	0.0034	R	1
Xylene, m,p-	0.0018	U	1	0.0018	U	1	0.0018	U	1	0.0018	U	1
Xylene, o-	0.0007	U	1	0.0007	U	1	0.0007	U	1	0.0007	U	1
SW8270												
1-Dotriacontanol				0.297	T	1	0.448	T	1			
10-Dctadecenoic acid, methyl ester										0.413	T	1
12-Dctadecenoic acid, methyl ester							0.303	T	1			
17-Pentatriacontene	0.431	T	1									
24.Xl.-ethylcholest-5-en-3.beta.-ol							0.97	T	1			
8,11-Octadecadienoic acid, methyl ester							0.194	T	1			
9(1h)-Phenanthrenone, 2,3,4,4a,10,10a-hexahydro-6-hydroxy-1,1,4a-trimethyl-										0.439	T	1
9,12,15-Octadecatrienoic acid, (z,z,z)-	0.309	T	1									
9-Hexadecenoic acid, methyl ester							0.23	T	1			
9-Octadecenamamide, (z)-	0.552	T	1									
9-Octadecenoic acid (z), methyl ester				0.132	T	1						
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
Benzaldehyde	0.265	T	1				0.291	T	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	0.06	U	1	0.06	U	1	0.06	U	1	0.06	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	0.03	U	1	0.03	U	1	0.03	U	1	0.03	U	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	M	1	0.02	M	1	0.02	M	1	0.02	M	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	M	1	0.08	M	1	0.08	M	1	0.08	M	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

Appendix A
B-23A Analytical Results Summary for Surface Soil

Sample ID	CS-B23A-1			CS-B23A-1			CS-B23A-2			CS-B23A-3		
	Sample Date	Matrix	Sample Type	Result	Flag	Dilution	Result	Flag	Dilution	Result	Flag	Dilution
	01/22/03	SO	FD									
	AP44419			AP44416			AP44417			AP44418		
	40475			40475			40475			40475		
Dinitrotoluene, 2,6-	0.04	U	1	0.04	U	1	0.04	U	1	0.04	U	1
Eicosene							0.206	T	1			
Ergost-5-en-3 (3-beta)-ol	0.508	T	1	0.231	T	1				1.15	T	1
Erucamide										1.26	T	1
Fluoranthene	0.04	U	1	0.04	U	1	0.04	U	1	0.	U	1
Fluorene	0.04	U	1	0.04	U	1	0.04	U	1	0.	U	1
Heptadecene-8-carbonic acid-(1)	0.298	T	1	0.154	T	1						
Hexachlorobenzene	0.05	U	1	0.05	U	1	0.05	U	1	0.05	U	
Hexachlorobutadiene	0.06	U	1	0.06	U	1	0.06	U	1	0.06	U	
Hexachlorocyclopentadiene	0.03	U	1	0.03	U	1	0.03	U	1	0.03	U	
Hexachloroethane	0.04	U	1	0.04	U	1	0.04	U	1	0.04	U	
Hexadecanoic acid	0.232	T	1	0.176	T	1						
Hexadecanoic acid, methyl ester	0.276	T	1	0.121	T	1	0.327	T	1	0.413	T	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	M	1	0.04	M	1	0.04	M	1	0.04	M	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
Nonadecane										0.639	T	1
Pentachlorophenol	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
Phenol	0.04	U	1	0.04	U	1	0.04	U	1	0.04	U	1
Podocarpa-8,11,13-triene-3.alpha.,13-diol, 14-isopropyl-										0.32	T	1
Pyrene	0.	U	1	0.05	U	1	0.05	U	1	0.05	U	1
Stigmast-5-en-3-ol, (3.beta.,24s)-	1.1	T	1	0.51	T	1				0.91	T	1
Taraxerol methyl ester				0.485	T	1	1.19	T	1			
Taraxerol methyl ether										1.86	T	1
Totarol										0.493	T	1
Trichlorobenzene, 1,2,4-	0.	U	1	0.04	U	1	0.04	U	1	0.04	U	1
Trichloroethane, 1,1,2-	0.287	T	1									
Trichlorophenol, 2,4,5-	0.	U	1	0.04	U	1	0.04	U	1	0.04	U	1
Trichlorophenol, 2,4,6-	0.	U	1	0.04	U	1	0.04	U	1	0.04	U	1
Tris(2-ethylhexyl)phosphate				0.132	T	1						

All samples were analyzed by APPL Inc.
Referenced laboratory package numbers: APPL Inc.: 40475
All MS/MSD results are presented in the Data Verification Report, Appendix C.

Abbreviations and Notes
FD = Field Duplicate
N = Environmental Sample

Data Qualifiers
F = The analyte was positively identified, but the associated numerical value is below the RL.
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.
T = Tentatively Identified Compound
U = The analyte was analyzed for, but not detected. The associated numerical value is the MDL.