

	Sample ID						DD-SB03				DD-SB03				DD-SB03				DD-SB03												
	Sample Date						03/31/00				03/31/00				03/31/00				03/31/00												
	Sample Type						N1				FD1				N1				FD1												
	Soil Type						BrE				BrE				GR				GR												
Beginning Depth						0				0				4.5				10													
Ending Depth						0.5				0.5				5				11													
Lab ID						AP90564/00C00783				AP90565/00C00784				AP90569/00C00785				AP90570/00C00786				AP90571/00C00787									
Soil Comparison Criteria																															
Lab		Lab		Background ¹		Background ²		RRS2-GWP		RRS2-SAI		Results				Results				Results				Results				Results			
MDL		RL		Soils		GR		(Ind.)		(Ind.)		Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL
SW6010B (mg/kg)																															
Barium		0.08	1.0	185	10.0	200	59,000	82.67	M	1	1.0	73.28	M	1	1.0	1.77	J	1	1.0	3.27	J	1	1.0	3.22	J	1	1.0	3.8	F	1	20.0
Chromium		0.1	20.0	40.2	8.1	10	350,000	10.4	F	1	20.0	9.8	F	1	20.0	3.2	F	1	20.0	3.8	F	1	20.0	3.8	F	1	20.0	3.8	F	1	20.0
Copper		0.19	2.0	23.2	13.1	130	74,000	61.15	M	1	2.0	63.28	M	1	2.0	1.24	F	1	2.0	1.35	F	1	2.0	1.35	F	1	2.0	1.35	F	1	2.0
Nickel		0.12	2.0	35.5	6.8	200	12,000	7.25	M	1	2.0	6.89	M	1	2.0	3.89	F	1	2.0	4.54	M	1	2.0	3.83	F	1	2.0	3.83	F	1	2.0
Zinc		0.63	5.0	73.2	11.3	3,100	41,000	111.09	M	1	5.0	122.29	M	1	5.0	9.22	F	1	5.0	3.41	F	1	5.0	2.95	F	1	5.0	2.95	F	1	5.0
SW7060A (mg/kg)																															
Arsenic		0.04	0.5	19.6	3.8	5	200	4.54	M	1	0.5	5.98	M	5	2.5	1.02	J	1	0.5	1.61	J	1	0.5	0.92	J	1	0.5	0.92	J	1	0.5
SW7131A (mg/kg)																															
Cadmium		0.01	0.1	3.0	0.1	0.5	410	0.21	J	1	0.1	0.22	F	1	0.1	0.20	F	1	0.1	0.02	F	1	0.1	0.02	F	1	0.1	0.02	F	1	0.1
SW7421 (mg/kg)																															
Lead		0.13	0.5	84.5	5.5	1.5	1,000	445.63	M	250	125.0	427.04	M	250	125.0	1.44	F	1	0.5	2.05	F	1	0.5	1.99	F	1	0.5	1.99	F	1	0.5
SW7471A (mg/kg)																															
Mercury		0.01	0.1	0.77	0.1	0.2	9.6	2.80	M	2	0.2	2.54	M	2	0.2	0.01	U	1	0.1	0.03	F	1	0.1	0.01	U	1	0.1	0.01	U	1	0.1
SW8260B (mg/kg)																															
Benzene		0.0003	0.002	--	--	0.5	1.5	0.0005	F	1	0.002	0.0003	U	1	0.002	0.0004	F	1	0.002	0.0003	U	1	0.002	0.0003	U	1	0.002	0.0003	U	1	0.002
Dichloroethane, 1,2-		0.0002	0.003	--	--	0.5	0.47	0.0002	U	1	0.003	0.0002	U	1	0.003	0.0003	F	1	0.003	0.0002	U	1	0.003	0.0002	U	1	0.003	0.0002	U	1	0.003
Ethylbenzene		0.0004	0.003	--	--	70	6,900	0.0004	U	1	0.003	0.0004	U	1	0.003	0.0004	U	1	0.003	0.0004	U	1	0.003	0.0004	U	1	0.003	0.0004	U	1	0.003
Methylene chloride		0.0007	0.005	--	--	0.5	16	0.0007	U	1	0.005	0.0007	U	1	0.005	0.0007	U	1	0.005	0.0007	U	1	0.005	0.0007	U	1	0.005	0.0007	U	1	0.005
Naphthalene		0.001	0.02	--	--	200	270	0.001	M	1	0.02	0.001	M	1	0.02	0.001	U	1	0.02	0.001	U	1	0.02	0.001	U	1	0.02	0.001	U	1	0.02
Toluene		0.0003	0.005	--	--	100	2,400	0.0213	M	1	0.005	0.0055	M	1	0.005	0.0003	U	1	0.005	0.0006	F	1	0.005	0.0006	F	1	0.005	0.0006	F	1	0.005
Trichlorobenzene, 1,2,3-		0.0008	0.004	--	--	--	--	0.0008	M	1	0.004	0.0008	M	1	0.004	0.0008	U	1	0.004	0.0008	U	1	0.004	0.0008	U	1	0.004	0.0008	U	1	0.004
Trichlorobenzene, 1,2,4-		0.0006	0.004	--	--	7	6,100	0.0006	M	1	0.004	0.0006	M	1	0.004	0.0006	U	1	0.004	0.0006	U	1	0.004	0.0006	U	1	0.004	0.0006	U	1	0.004
SW8330 (mg/kg)																															
Nitrotoluene, 2-		0.0772	0.25	--	--	100	860	0.0772	U	1	0.25	0.0772	U	1	0.25	0.0772	U	1	0.25	0.0772	U	1	0.25	0.0772	U	1	0.25	0.0772	U	1	0.25

Tables present all laboratory results for analytes detected above the method detection limit.

Results from all laboratory analysis are presented in Appendix C.

All samples were analyzed by APPL Inc. and DataChem Laboratories.

Reference laboratory package numbers: APPL Inc.: 32351

DataChem: 81-01, 81-02

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

Abbreviations and Note:

Highlighted and bolded sample concentrations exceed RRS1 (background) Standards.

Bolded samples indicate results greater than RRS2 Standards.

-- No risk reduction standard or background level available

a Background values from Revised Background Report, 2002

BrE Brackets/dils

DL Dilution

FD1 Field Duplicate

GR Grab Sample

GWP-Ind Groundwater medium specific concentration (MSC) for industrial use

GWP-Ind Soil MSC based on groundwater protection

MDL Method Detection Limit

N1 Environmental Sample

NA Not Available

RL Reporting Limit

SAI-Ind Soil MSC for industrial use based on inhalation, ingestion, and dermal contact

SQL Sample Quantitation Limit

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, but the quantitation is an estimation.

M- Matrix effects was present.

U- The analyte was analyzed for, but not detected. The associated numerical value is the MDL.

	Sample ID		DD-SB01		DD-SB01		DD-SB01		DD-SB02		DD-SB02		DD-SB02																						
	Sample Date		03/31/00		03/31/00		03/31/00		03/31/00		03/31/00		03/31/00																						
	Sample Type		N1		N1		N1		N1		N1		N1																						
Soil Type		BrE		GR		GR		BrE		GR		GR																							
Beginning Depth		0		5		9.5		0		5		12																							
Ending Depth		0.5		5.5		10		0.5		5.5		12.5																							
Lab ID		AP90558/00C00777		AP90559/00C00778		AP90560/00C0079		AP90561/00C00780		AP90562/00C00781		AP90563/00C00782																							
Soil Comparison Criteria																																			
Lab MDL		Lab RL		Background ^a Soils		Background ^a GR		RRS2-GWP (Ind.)		RRS2-SAI (Ind.)		Results		Flags		Dilution		SQL																	
SW6010B (mg/kg)																																			
Barium		0.08 1.0		186		10.0		200		59,000		67.42 M		1 1.0		4.57 J		1 1.0		3.44 J		1 1.0		60.43 M		1 1.0		3.64 J		1 1.0		2.21 J		1 1.0	
Chromium		0.1 20.0		40.2		8.1		10		350,000		14.7 F		1 20.0		4.9 F		1 20.0		4.1 F		1 20.0		15.0 F		1 20.0		3.9 F		1 20.0		3.0 F		1 20.0	
Copper		0.19 2.0		23.2		13.1		130		74,000		18.23 M		1 2.0		1.87 F		1 2.0		1.42 F		1 2.0		38.17 M		1 2.0		1.73 F		1 2.0		1.12 F		1 2.0	
Nickel		0.12 2.0		35.5		6.8		200		12,000		8.15 M		1 2.0		4.44 F		1 2.0		3.81 F		1 2.0		10.83 M		1 2.0		5.82 F		1 2.0		2.47 F		1 2.0	
Zinc		0.63 5.0		73.2		11.3		3,100		41,000		48.2 M		1 5.0		3.64 F		1 5.0		4.12 F		1 5.0		38.77 M		1 5.0		8.18 F		1 5.0		4.13 F		1 5.0	
SW7060A (mg/kg)																																			
Arsenic		0.04 0.5		19.6		3.8		5		200		4.76 M		1 0.5		1.19 J		1 0.5		1.56 J		1 0.5		6.46 M		5 2.5		1.49 J		1 0.5		0.26 F		1 0.5	
SW7131A (mg/kg)																																			
Cadmium		0.01 0.1		3.0		0.1		0.5		410		0.18 U		1 0.1		0.01 U		1 0.1		0.01 U		1 0.1		0.22 U		1 0.1		0.01 U		1 0.1		0.01 U		1 0.1	
SW7421 (mg/kg)																																			
Lead		0.13 0.5		84.5		5.5		1.5		1,000		162.36 M		50 25.0		1.92 U		1 0.5		1.65 U		1 0.5		749.06 M		250 125.0		1.75 M		1 0.5		0.93 U		1 0.5	
SW7471A (mg/kg)																																			
Mercury		0.01 0.1		0.77		0.1		0.2		9.6		0.20 M		1 0.1		0.01 U		1 0.1		0.01 U		1 0.1		0.27 M		1 0.1		0.01 U		1 0.1		0.01 U		1 0.1	
SW8260B (mg/kg)																																			
Benzene		0.0003 0.002		--		--		0.5		1.5		0.0003 U		1 0.002		0.0003 U		1 0.002		0.0003 U		1 0.002		0.0004 F		1 0.002		0.0003 U		1 0.002		0.0003 U		1 0.002	
Dichloroethane, 1,2-		0.0002 0.003		--		--		0.5		0.47		0.0002 U		1 0.003		0.0002 U		1 0.003		0.0002 U		1 0.003		0.0002 U		1 0.003		0.0002 U		1 0.003		0.0002 U		1 0.003	
Ethylbenzene		0.0004 0.003		--		--		70		6,900		0.0006 F		1 0.003		0.0004 U		1 0.003		0.0004 U		1 0.003		0.0004 U		1 0.003		0.0004 U		1 0.003		0.0004 U		1 0.003	
Methylene chloride		0.0007 0.005		--		--		0.5		16		0.0063 B		1 0.005		0.0039 F		1 0.005		0.0054 B		1 0.005		0.0033 F		1 0.005		0.0007 U		1 0.005		0.0007 U		1 0.005	
Naphthalene		0.001 0.02		--		--		200		270		0.001 M		1 0.02		0.001 U		1 0.02		0.002 F		1 0.02		0.002 M		1 0.02		0.001 U		1 0.02		0.001 U		1 0.02	
Toluene		0.0003 0.005		--		--		100		2,400		0.0205 M		1 0.005		0.0006 F		1 0.005		0.0003 U		1 0.005		0.0100 M		1 0.005		0.0003 U		1 0.005		0.0003 U		1 0.005	
Trichlorobenzene, 1,2,3-		0.0008 0.004		--		--		--		--		0.0008 M		1 0.004		0.0008 U		1 0.004		0.0012 F		1 0.004		0.0009 M		1 0.004		0.0008 U		1 0.004		0.0008 U		1 0.004	
Trichlorobenzene, 1,2,4-		0.0006 0.004		--		--		7		6,100		0.0006 M		1 0.004		0.0006 U		1 0.004		0.0009 F		1 0.004		0.0007 M		1 0.004		0.0006 U		1 0.004		0.0006 U		1 0.004	
SW8330 (mg/kg)																																			
Nitrotoluene, 2-		0.0772 0.25		--		--		100.		860		0.16 F		1 0.25		0.0772 U		1 0.25		0.0772 U		1 0.25		0.0772 U		1 0.25		0.0772 U		1 0.25		0.0772 U		1 0.25	

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DataChem: 81-01, 81-02

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Highlighted and bolded sample concentrations exceed RRS1 (background) Standards.

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-- No risk/reduction standard or background level available

a Background values from Revised Background Report, 2002.

BrE Bracketted

DL Dilution

FD1 Field Duplicate

GR Groundwater

GWP Ind Groundwater medium specific concentration (MSC) for industrial use

Ind Ind Soil MSC based on groundwater protection

MDL Method Detection Limit

N1 Environmental Sample

NA Not Available

RL Reporting Limit

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