

Table B25-2
Summary of Chemical Constituents Detected in Subsurface Soil, March 2000
Solid Waste Management Unit B-25

	Sample ID						RW-B25-SB01				RW-B25-SB01				RW-B25-SB02				RW-B25-SB02				
	Sample Date						03/22/00				03/22/00				03/22/00				03/22/00				
	Sample Type						N1				N1				N1				N1				
Soil Type						Soils (Kr)				GR				GR				GR					
Beginning Depth						6				14				3				7.5					
Ending Depth						6.5				14.5				3.5				8					
Lab ID						Q1199 \ AP90227				Q1200 \ AP90228				Q1196 \ AP90224				Q1197 \ AP90225					
Soil Comparison Criteria																							
Lab	Lab	Background ^a	Background ^a	RRS2-GWP	RRS2-SAI	Results				Results				Results				Results					
MDL	RL	Soils	GR	(Ind.)	(Ind.)	Flags	Dilution	SQL	Flags	Dilution	SQL	Flags	Dilution	SQL	Flags	Dilution	SQL	Flags	Dilution	SQL			
SW6010B (mg/kg)																							
Barium	0.044	1.0	186	10	200	59,000	174.3		5	5.0		6.9		5	5.0	4.6	F	5	5.0	8.1		5	5.0
Chromium	0.078	20.0	40.2	8.1	10	350,000	20.8	F	5	100.0		8.6	F	5	100.0	5.2	F	5	100.0	9.7	F	5	100.0
Copper	0.072	2.0	23.2	13.1	130	74,000	41.5		5	10.0		2.4	F	5	10.0	1.8	F	5	10.0	3.0	F	5	10.0
Nickel	0.118	2.0	35.5	6.8	200	12,000	16.0		5	10.0		4.3	F	5	10.0	3.3	F	5	10.0	4.1	F	5	10.0
Zinc	0.42	2.0	73.2	11.3	3,100	41,000	45.5		5	10.0		12.9		5	10.0	8.8	F	5	10.0	19.1		5	10.0
SW7060A (mg/kg)																							
Arsenic	0.032	0.5	19.6	3.8	5	200	5.77		2	1.0		1.21		1	0.5	1.3		1	0.5	1.28		1	0.5
SW7131A (mg/kg)																							
Cadmium	0.022	0.1	3.00	0.10	0.5	410	0.32		1	0.1		0.03	F	1	0.1	0.04	F	1	0.1	0.02	F	1	0.1
SW7421 (mg/kg)																							
Lead	0.069	0.5	84.5	5.5	1.5	1,000	11.4		5	2.5		2.71		1	0.5	1.69		1	0.5	2.91		1	0.5
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	0.0003	U	1	0.002
Methylene chloride	0.0003	0.002	--	--	0.5	16	0.0007	U	1	0.002		0.0012	F	1	0.002	0.0007	U	1	0.002	0.0007	U	1	0.002
Naphthalene	0.001	0.02	--	--	200	270	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	0.001	0.02	--	--	100	2,400	0.0003	U	1	0.02		0.0003	U	1	0.02	0.0003	U	1	0.02	0.0003	U	1	0.02
Trichlorobenzene, 1,2,3-	0.0008	0.004	--	--	NA	NA	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	U	1	0.004		0.0006	U	1	0.004	0.0006	U	1	0.004	0.0006	U	1	0.004
SW8270C (mg/kg)																							
Bis(2-ethylhexyl)phthalate	0.03	0.7	--	--	0.6	65	0.49	F	1	0.7		3.40	F	5	3.5	3.20		1	0.7	5.2		5	3.5
Diethylphthalate	0.03	0.7	--	--	8,200	820,000	0.04	U	1	0.7		0.04	U	1	0.7	0.04	U	1	0.7	0.04	U	1	0.7
Naphthalene	0.04	0.7	--	--	200	270	0.04	U	1	0.7		0.04	U	1	0.7	0.04	U	1	0.7	0.04	U	1	0.7
Trichlorobenzene, 1,2,4-	0.04	0.7	--	--	7	6,100	0.04	U	1	0.7		0.04	U	1	0.7	0.04	U	1	0.7	0.04	U	1	0.7

Tables present all laboratory results for analytes detected above the method detection limit. Results from all laboratory analysis are presented in Appendix A. All samples were analyzed by APPL Inc. or O'Brien and Gere. Referenced laboratory package numbers: APPL 32289, 32276
O'Brien and Gere: 5054, 5075, 5090, 5107, 5122
All MS/MSD results are presented in the Data Verification Report, Appendix D.

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.
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.

Abbreviations and Notes:

Highlighted and bolded sample concentrations exceed RRS1 (background) Standards.
Boxed samples indicate results greater than RRS2 Standards.
-- No risk reduction standard or background level available
a Background values from second Revised Background Report, February 2002
DL Dilution
FD1 Field Duplicate
GR Glen Rose
GWP-Ind Soil MSC based on groundwater protection
Kr Krum Complex
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

