

Table B26-2
Summary of Chemical Constituents Detected in Soil Borings, March 2000
Solid Waste Management Unit B-26

	Sample ID					RW-B26-SB01				RW-B26-SB01				RW-B26-SB02				RW-B26-SB02				RW-B26-SB02			
	Sample Date					03/23/00				03/23/00				03/23/00				03/23/00				03/23/00			
	Sample Type					N1				N1				N1				FD1				N1			
	Soil Type					GR				GR				Kr				Kr				GR			
	Beginning Depth					6				12.5				0.5				0.5				4			
	Ending Depth					6.5				13				1				1				4.5			
	Lab ID					AP90290 / Q1327				AP90291 / Q1328				AP90292 / Q1329				AP90293 / Q1330				AP90295 / Q1332			
	Soil Comparison Criteria					Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL
	Lab MDL	Lab RL	Background ^a Soils	RRS2-GWP (Ind.)	RRS2-SAI (Ind.)																				
SW6010B (mg/kg)																									
Barium	0.04	1.0	186	200	59000	5.2	J	5	5.0	9.4	J	5	5.0	113.1	J	1	1.0	109	J	1	1.0	4.9	F	5	5.0
Chromium	0.08	20.0	40.2	10	350000	3.8	F	5	100.0	9.7	F	5	100.0	29.1		1	20.0	27.6		1	20.0	4.4	F	5	100.0
Copper	0.07	2.0	23.2	130	74000	1.8	F	5	10.0	3.7	F	5	10.0	13.6	J	1	2.0	13.1	J	1	2.0	1.3	F	5	10.0
Nickel	0.12	2.0	35.5	200	12000	2.6	F	5	10.0	3.3	F	5	10.0	17.9	J	1	2.0	17.2	J	1	2.0	2.3	F	5	10.0
Zinc	0.42	2.0	73.2	3100	41000	10.1	J	5	10.0	13.9	J	5	10.0	49.4	J	1	2.0	47.2	J	1	2.0	7.6	F	5	10.0
SW7060A (mg/kg)																									
Arsenic	0.032	0.5	19.6	5	200	1.94	J	1	0.5	1.51	J	1	0.5	5.96	J	2	1.0	5.7	J	2	1	1.43	J	1	0.5
SW7131A (mg/kg)																									
Cadmium	0.022	0.1	3.00	0.5	410	0.03	F	1	0.1	0.03	F	1	0.1	1.95	J	5	0.5	0.37	J	1	0.1	0.022	R	1	0.1
SW7421 (mg/kg)																									
Lead	0.069	0.5	84.5	1.5	1000	1.38		1	0.5	3.53		1	0.5	16.97		5	2.5	16.75		5	2.5	1.3		1	0.5
SW7471A (mg/kg)																									
Mercury	0.024	0.1	0.77	0.2	9.6	0.024	U	1	0.1	0.024	U	1	0.1	0.024	U	1	0.1	0.024	U	1	0.1	0.024	U	1	0.1
SW8260B (mg/kg)																									
Bromobenzene	0.0003	0.002	--	NA	NA	0.0003	U	1	0.002	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	0.0007	0.005	--	0.5	16.	0.0009	F	1	0.005	0.001	F	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	U	1	0.02	0.001	U	1	0.02	0.003	F	1	0.02	0.002	F	1	0.02	0.001	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	0.0011	F	1	0.004	0.0008	U	1	0.004	0.0008	U	1	0.004
Trichlorobenzene, 1,2,4-	0.0006	0.004	--	7	6100	0.0006	U	1	0.004	0.0006	U	1	0.004	0.0009	F	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.	30.00		20	14.0	0.18	F	1	0.7	0.04	F	1	0.7	0.03	U	1	0.7	0.03	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. and O'Brien and Gere Laboratories.

Referenced laboratory package numbers: APPL Inc.: 32289

O'Brien and Gere: 5107, 5122

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

Abbreviations and Notes:

Highlighted and bolded sample concentrations exceed RRS1 (background).

Boxed samples indicate results greater than RRS2 Standards.

a Background values from Second Revision Background Report, 2002

-- No risk reduction standard or background level available

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

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..

Table B26-2
Summary of Chemical Constituents Detected in Soil Borings, March 2000
Solid Waste Management Unit B-26

	Sample ID					RW-B26-SB02				RW-B26-SB03				RW-B26-SB03				RW-B26-SB03				RW-B26-SB03			
	Sample Date					03/23/00				03/23/00				03/23/00				03/23/00				03/23/00			
	Sample Type					N1				N1				N1				N1				FD1			
	Soil Type					GR				Kr				GR				GR				GR			
	Beginning Depth					9.5				0.5				6				12.5				12.5			
	Ending Depth					10				1				6.5				13				13			
	Lab ID					AP90296 / Q1333				AP90298 / Q1335				AP90299 / Q1336				AP90300 / Q1337				AP90301			
	Soil Comparison Criteria																								
	Lab	Lab	Background ^a	RRS2-GWP	RRS2-SAI																				
	MDL	RL	Soils	(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	0.04	1.0	186	200	59000	8.5	J	5	5.0	135	J	1	1.0	5.9	J	5	5.0	5.5	J	5	5.0				
Chromium	0.08	20.0	40.2	10	350000	8.6	F	5	100.0	30.6		1	20.0	4.7	F	5	100.0	5.5	F	5	100.0				
Copper	0.07	2.0	23.2	130	74000	3.6	F	5	10.0	17	J	1	2.0	1.7	F	5	10.0	2.9	F	5	10.0				
Nickel	0.12	2.0	35.5	200	12000	4.6	F	5	10.0	21.8	J	1	2.0	2.9	F	5	10.0	3.2	F	5	10.0				
Zinc	0.42	2.0	73.2	3100	41000	11.9	J	5	10.0	60.8	J	1	2.0	14.8	J	5	10.0	17.5	J	5	10.0				
SW7060A (mg/kg)																									
Arsenic	0.032	0.5	19.6	5	200	1.3	J	1	0.5	8.46	J	5	2.5	1.25	J	1	0.5	1.07	J	1	0.5				
SW7131A (mg/kg)																									
Cadmium	0.022	0.1	3.00	0.5	410	0.02	F	1	0.1	0.51	J	1	0.1	0.02	F	1	0.1	0.04	F	1	0.1				
SW7421 (mg/kg)																									
Lead	0.069	0.5	84.5	1.5	1000	3.71		1	0.5	26.79		10	5	1.38		1	0.5	3.46		1	0.5				
SW7471A (mg/kg)																									
Mercury	0.024	0.1	0.77	0.2	9.6	0.024	U	1	0.1	0.05	F	1	0.1	0.024	U	1	0.1	0.024	U	1	0.1				
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Methylene chloride	0.0007	0.005	--	0.5	16.	0.0008	F	1	0.005	0.0007	U	1	0.005	0.0011	F	1	0.005	0.0013	F	1	0.005				
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				
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	6100	0.0006	U	1	0.004	0.0013	F	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.	0.23	F	1	0.7	0.03	U	1	0.7	52.00		20	14.0	2.30		1	0.7	0.08	F	1	0.7

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