

**Table 3.7
Summary of Chemical Constituents Detected in Sifted Soil, April 2000
Solid Waste Management Unit B-28**

	Sample ID		B28-SIFT03		B28-SIFT04		B28-SIFT05		RW-B28-SIFT06		RW-B28-SIFT06																	
	Sample Date		4/21/2000		4/21/2000		4/21/2000		4/21/2000		4/21/2000																	
	Sample Type		N1		N1		N1		N1		FD1																	
Soil Type		Soil (Kr/Tf)		Soil (Kr/Tf)		Soil (Kr/Tf)		Soil (Kr/Tf)		Soil (Kr/Tf)																		
Beginning Depth		1		8		5		0		0																		
Ending Depth		1.5		8.5		5.5		0.5		0.5																		
Lab ID		AP91542		AP91543		AP91544		Q3526		Q3527																		
Soil Comparison Criteria																												
	APPL	OB&G	APPL	OB&G	Background ^a	TRRP-Tier 1	TRRP-Tier 1 (Ind.																					
	MDL	MDL	RL	RL	Soil	(Res. ^{Soil} Comb)	^{Soil} Comb)	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL													
SW6010B (mg/kg)																												
Barium	0.08	0.04	1.0	1.0	186	2,800	39,000	4,406.83		20	20.0	7,885.85		20	20.0	6,927.93		20	20.0	4,371.2	M	5	5.0	4,644.1	M	5	5.0	
Chromium	0.1	0.8	20.0	20.0	40.2	30,000	95,000	31.7		1	20.0	34.9		1	20.0	30.3		1	20.0	27.3		1	20.0	28.3		1	20.0	
Copper	0.19	0.7	2.0	2.0	23.2	550	38,000	59.08		1	2.0	410.75		20	40.0	76.72		1	2.0	44.2	M	1	2.0	599.1	M	1	2.0	
Nickel	0.12	0.12	2.0	2.0	35.5	840	8,800	19.44		1	2.0	23.5		1	2.0	19.7		1	2.0	17.3		1	2.0	19.		1	2.0	
Zinc	0.63	0.42	5.0	2.0	73.2	9,900	250,000	186.23		1	5.0	188.76		1	5.0	515.77		20	100.0	199.7	M	1	2.0	707.5	M	5	10.0	
SW7060A (mg/kg)																												
Arsenic	0.04	0.032	0.5	0.5	19.6	24	200	5.90		5	2.5	4.99	F	10	5.0	4.79		5	2.5	5.00	M	1	0.5	4.89	M	1	0.5	
SW7131A (mg/kg)																												
Cadmium	0.01	0.022	0.1	0.1	3.00	52	8,500	1.85		10	1.0	2.12		10	1.0	2.86		10	1.0	2.07	M	10	1.0	2.08	M	10	1.0	
SW7421 (mg/kg)																												
Lead	0.13	0.069	0.5	0.5	84.5	500	1,600	21.13	J	10	5.0	21.98	J	10	5.0	44.1	J	10	5.0	31.98	M	10	5.0	25.35	M	10	5.0	
SW7471A (mg/kg)																												
Mercury	0.01	0.024	0.1	0.1	0.77	8.3	19	0.27	J	1	0.1	0.09	F	1	0.1	0.11	J	1	0.1	0.19	M	1	0.1	0.19	M	1	0.1	

Tables present all laboratory results for analytes detected above the method detection limit.
All samples were analyzed by APPL Inc. and O'Brien and Gere Laboratories.
Referenced laboratory package numbers: APPL: 32499
O'Brien and Gere: 5439

Abbreviations and Notes:

- Highlighted and bolded sample concentrations exceed RRS1 (background) Standards.
- Boxed samples indicate results greater than TRRP Tier 1 Industrial^{Soil}Comb standards.
- No risk reduction standard or background level available
- a Background values from Revised Background Report, 2002
- DL Dilution
- FD1 Field Duplicate
- Kr Krum Complex
- MDL Method Detection Limit
- N1 Environmental Sample
- NA Not Available
- RL Reporting Limit
- SQL Sample Quantitation Limit
- Tf Trinity and Frio soils, frequently flooded
- TRRP Texas Risk Reductin Program

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.
- M- A matrix effect was present