Table 3.9
Summary of Detected Constituents in Sifted Soil, April 2000
Solid Waste Management Unit DD Area

						Sample ID	DD-SIFT04				DD-SIFT04				DD-SIFT05				DD-SIFT06				DD-SIFT06			
						Sample Date	04/21/00				04/21/00				04/21/00				04/21/00				04/21/00			
						Sample Type	N1				FD1				N1				FD1				N1			
						Soil Type	Soil (BrE)				Soil (BrE)				Soil (BrE)				Soil (BrE)				Soil (BrE)			
						Beginning Depth	1				1				2				3				3			
						Ending Depth	1.5				1.5				2.5				3.5				3.5			
						Lab ID	AP91515				AP91516				AP91545				AP91547				AP91546			
	Soil Comparison Criteria																									
	Lab MDL	Lab RL	Background[a] Soil	TRRP-Tier 1 (Res. $^{Tot}Soil_{Comb}$)	TRRP-Tier 1 (Ind. $^{Tot}Soil_{Comb}$)	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	186	2,800	39,000	148.19	M	1	1.0					123.07	M	1	1.0	95.16	M	1	1.0	107.79	M	1	1.0
Chromium	0.1	20.0	40.2	30,000	95,000	16.3	M	1	20.0					15.8	M	1	20.0	11.1	M	1	20.0	12.5	M	1	20.0
Copper	0.19	2.0	23.2	550	38,000	**300.05**	**M**	**5**	**10.0**					**75.85**	**M**	**1**	**2.0**	**9849.37**	**M**	**100**	**200.0**	**112.31**	**M**	**1**	**2.0**
Nickel	0.12	2.0	35.5	840	8,800	12.05	M	1	2.0					11.32	M	1	2.0	7.79	M	1	2.0	10.13	M	1	2.0
Zinc	0.63	5.0	73.2	9,900	250,000	**175.62**	**M**	**1**	**5.0**					**162.33**	**M**	**1**	**5.0**	**132.29**	**M**	**1**	**5.0**	**185.13**	**M**	**1**	**5.0**
SW7060A (mgj/kg)																										
Arsenic	0.04	0.5	19.6	24	200	9.60	M	5	2.5					3.96	M	1	0.5	2.94	M	1	0.5	3.14	M	1	0.5
SW7131A (mg/kg)																										
Cadmium	0.01	0.1	3	52	8,500	0.29	M	1	0.1					0.19	M	1	0.1	0.20	M	1	0.1	0.22	M	1	0.1
SW7421 (mg/kg)																										
Lead	0.13	0.5	84.5	500	1,600	**1212.67**	**M**	**250**	**125.0**					**514.72**	**M**	**250**	**125.0**	**484**	**M**	**250**	**125.0**	**416.43**	**M**	**250**	**125.0**
SW7471A (mg/kg)																										
Mercury	0.01	0.1	0.77	8.3	19	**7.58**	**J**	**10**	**1**					**1.26**	**M**	**1**	**0.1**	**5.78**	**M**	**5**	**0.5**	**3.41**	**M**	**5**	**0.5**
SW8260 (mg/kg)																										
Methylene chloride	0.0007	0.005	--	390	960	0.0014	F	1	0.005	0.0007	U	1	0.005													
Naphthalene	0.001	0.02	--	220	360	0.001	M	1	0.02	0.001	M	1	0.02													
Toluene	0.0003	0.005	--	4,500	8,200	0.0011	F	1	0.005	0.0008	F	1	0.005													
Trichloroethene	0.001	0.01	--	150	310	0.002	F	1	0.01	0.002	F	1	0.01													
SW8270 (mg/kg)																										
Acenaphthene	0.04	0.7	--	3,000	37,000	0.65	M	1	0.7	0.04	M	1	0.7													
Anthracene	0.04	0.7	--	18,000	190,000	0.62	M	1	0.7	0.04	M	1	0.7													
Benzo(a)anthracene	0.04	0.7	--	5.7	24	**1.70**	**M**	**1**	**0.7**	0.09	M	1	0.7													
Benzo(a)pyrene	0.05	0.7	--	0.56	2.4	**1.50**	**M**	**1**	**0.7**	0.10	M	1	0.7													
Benzo(b)fluoranthene	0.06	0.7	--	5.7	24	**2.00**	**M**	**1**	**0.7**	0.18	M	1	0.7													
Benzo(g,h,i)perylene	0.04	0.7	--	1,800	19,000	**0.92**	**M**	**1**	**0.7**	0.25	M	1	0.7													
Bis(2-ethylhexyl)phthalate	0.03	0.7	--	43	560	0.05	F	1	0.7	0.04	F	1	0.7													
Chloroaniline, 4-	0.04	1.3	--	220	1,200	0.33	F	1	1.3	0.04	U	1	1.3													
Chrysene	0.04	0.7	--	560	2,400	**1.60**	**M**	**1**	**0.7**	0.10	M	1	0.7													
Dibenz(a,h)anthracene	0.04	0.7	--	0.55	2.4	0.26	F	1	0.7	0.04	U	1	0.70													
Dibenzofuran	0.04	0.7	--	270	2700	0.35	F	1	0.7	0.04	U	1	0.7													
Fluoranthene	0.04	0.7	--	2,300	25,000	**3.60**	**M**	**5**	**3.5**	0.16	M	1	0.7													
Fluorene	0.04	0.7	--	2,300	25,000	0.35	F	1	0.7	0.04	U	1	0.7													
Indeno(1,2,3-cd)pyrene	0.04	0.7	--	5.7	24	**0.89**	**M**	**1**	**0.7**	0.16	M	1	0.7													
Methylnaphthalene, 2-	0.05	0.7	--	1,300	12,000	0.31	F	1	0.7	0.05	U	1	0.7													
Naphthalene	0.04	0.7	--	220	360	**1.00**	**M**	**1**	**0.7**	0.04	M	1	0.7													
Phenanthrene	0.04	0.7	--	1,700	19,000	**3.40**	**M**	**5**	**3.5**	0.10	M	1	0.7													
Pyrene	0.05	0.7	--	1,700	19,000	**2.90**	**M**	**1**	**0.7**	0.13	M	1	0.7													

Tables present all laboratory results for analytes detected above the method detection limit.
All samples were analyzed by APPL Inc.
Referenced laboratory package numbers: APPL Inc.: 32499, 34668

Abbreviations and Notes:
Highlighted and bolded sample concentrations exceed RRS1 (background) Standards.
Boxed samples indicate results greater than TRRP Tier 1 Industrial $^{Tot}Soil_{comb}$ standards

--	No risk reduction standard or background level available
a	Background values from Revised Background Report, 2002
BrE	Brackett Soils
DL	Dilution
FD1	Field Duplicate
MDL	Method Detection Limit
N1	Environmental Sample
NA	Not Available
RL	Reporting Limit
SQL	Sample Quantitation Limit
TRRP	Texas Risk Reduction 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.
U - The analyte was analyzed for, but not detected. The associated numerical value is the MD