Table B10-4
Summary of Chemical Constituents Detected in Soil, November 2000
Solid Waste Management Unit B-10

					Sample ID	B10-TrBott-1				B10-TrBott-2				B10-TrBott-3				B10-TrBott-4			
					Sample Date	11/16/00				11/16/00				11/16/00				11/16/00			
					Sample Type	N1				N1				N1				N1			
					Soil Type	Soils (TaB)				Soils (TaB)				Soils (TaB)				Soils (TaB)			
					Matrix Type	SO				SO				SO				SO			
					Beginning Depth	0				0				0				0			
					Ending Depth	0				0				0				0			
					Lab ID	R6075				R6076				R6077				R6078			
	Soil Comparison Criteria																				
	APPL Lab RL	**OB&G Lab RL**	**Background[a] Soils**	**RRS2-GWP (Ind.)**	**RRS2-SAI (Ind.)**	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL
SW6010B (mg/kg)																					
Barium	NA	1.0	186	200	59,000	52.7		1	1.0	60.6		1	1.0	84.8		1	1.0	48.3		1	1.0
Chromium	NA	20	40.2	10	350,000	39.4		1	20.0	25.1		1	20	25.		1	20.0	44.5		1	20.0
Copper	NA	2.0	23.2	130	74,000	14.1		1	2.0	**53.3**		**1**	**2.0**	19.7		1	2.0	14.1		1	2.0
Nickel	NA	2.0	35.5	200	12,000	22.2		1	2.0	24.1		1	2.0	26.5		1	2.0	24.2		1	2.0
Selenium	NA	3.0	--	5	9,200	0.7	F	1	3.0	0.7	F	1	3.0	0.8	F	1	3.0	0.6	F	1	3.0
Silver	NA	1.0	--	51	2,800	0.06	U	1	1.0	0.06	U	1	1.0	0.06	U	1	1.0	0.06	U	1	1.0
Thallium	NA	6.0	--	0.2	150	0.5	F	1	6.0	0.8	F	1	6.0	0.9	F	1	6.0	0.25	U	1	6.0
Zinc	NA	2.0	73.2	3,100	41,000	**81.3**		**1**	**2.0**	**104**		**1**	**2.0**	**89.1**		**1**	**2.0**	**85.**		**1**	**2.0**
SW7060A (mg/kg)																					
Arsenic	NA	0.5	19.6	5	200	5.63		3	1.5	7.15	R	3	1.5	4.04		1	0.5	6.54		3	1.5
SW7131A (mg/kg)																					
Cadmium	NA	0.1	3	0.5	410	0.17	M	1	0.1	0.12	M	1	0.1	0.03	M	1	0.1	0.09	M	1	0.1
SW7421 (mg/kg)																					
Lead	NA	2.5	84.5	1.5	1,000	12.36	M	5	2.5	18.4	M	10	5	14.8	M	10	5.0	15.52	M	5	2..5
SW7471A (mg/kg)																					
Mercury	NA	0.1	0.77	0.2	9.6	0.06	F	1	0.1	0.06	F	1	0.1	0.022	U	1	0.1	0.07	F	1	0.1
SW8260B (mg/kg)																					
Butylbenzene, N-	0.005	0.005	--	NA	NA	0.00021	U	1	0.005	0.00021	U	1	0.005	0.00021	U	1	0.005	0.00021	U	1	0.005
Butylbenzene, sec-			--			0.00011	U	1		0.00011	U	1		0.00011	U	1		0.00011	U	1	
Ethylbenzene	0.003	0.003	--	70	6,900	0.00012	U	1	0.003	0.00012	U	1	0.003	0.00012	U	1	0.003	0.00012	U	1	0.003
Hexachlorobutadiene																					
Isopropyltoluene, 4- (Cymene, p-)	0.006	0.006	--	NA	NA	0.0001	U	1	0.006	0.0001	U	1	0.006	0.0001	U	1	0.006	0.0001	U	1	0.006
Methylene chloride	0.005	0.005	--	0.5	16	0.0024	F	1	0.005	0.001	F	1	0.005	0.0016	F	1	0.005	0.0016	F	1	0.005
Naphthalene	0.02	0.005	--	200	270	0.00028	U	1	0.005	0.00028	U	1	0.005	0.00028	U	1	0.005	0.00028	U	1	0.005
Propylbenzene, N-	0.002	0.002	--	NA	NA	0.0001	U	1	0.002	0.0001	U	1	0.002	0.0001	U	1	0.002	0.0001	U	1	0.002
Styrene	0.002	0.0025	--	10	23,000	0.00015	U	1	0.0025	0.00015	U	1	0.0025	0.00015	U	1	0.0025	0.00015	U	1	0.0025
Tetrachloroethane, 1,1,2,2-						0.00028	U	1		0.00028	U	1		0.00028	U	1		0.00028	U	1	
Tetrachloroethene	0.007	0.007	--	0.5	17	0.00015	U	1	0.007	0.00015	U	1	0.007	0.00015	U	1	0.007	0.00015	U	1	0.007
Toluene	0.005	0.005	--	100	2,400	0.00015	U	1	0.005	0.00015	U	1	0.005	0.00015	U	1	0.005	0.00015	U	1	0.005
Trichlorobenzene, 1,2,3-						0.00025	U	1		0.00025	U	1		0.00025	U	1		0.00025	U	1	
Trichlorobenzene, 1,2,4-						0.00034	U	1		0.00034	U	1		0.00034	U	1		0.00034	U	1	
Trichloroethene			--	0.5	6.6	0.001	F	1	0.01	0.0002	U	1	0.01	0.0002	U	1	0.01	0.0002	U	1	0.01
Trichloropropane, 1,2,3-						0.0002	U	1		0.0002	U	1		0.0002	U	1		0.0002	U	1	
Trimethylbenzene, 1,2,4-	0.004	0.007	--	NA	NA	0.00013	U	1	0.007	0.00013	U	1	0.007	0.00013	U	1	0.007	0.00013	U	1	0.007
Trimethylbenzene, 1,3,5-	0.003	0.003	--	NA	NA	0.00013	U	1	0.003	0.00013	U	1	0.003	0.00013	U	1	0.003	0.00013	U	1	0.003
Xylene, m,p-	0.007	0.007	--	1,000	3,800	0.00022	U	1	0.007	0.00022	U	1	0.007	0.00022	U	1	0.007	0.00022	U	1	0.007
Xylene, o-	0.005	0.005	--	100	48,000	0.00013	U	1	0.005	0.00013	U	1	0.005	0.00013	U	1	0.005	0.00013	U	1	0.005

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 O'Brien & Gere Laboratories.
Referenced laboratory package numbers: O"Brien & Gere: 7536
All MS/MSD results are presented in the Data Verification Report, Appendix D.

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, the quantitation is an estimation.
M - A matrix effect was present.
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
TaB Tarrant Associated, undulating
DL Dilution
FD1 Field Duplicate
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

Table B10-4
Summary of Chemical Constituents Detected in Soil, November 2000
Solid Waste Management Unit B-10

					Sample ID	B10-TrBott-5				B10-TrBott-6				B10-TrBott-7				B10-TrBott-8				B10-TrBott-9			
					Sample Date	11/16/00				11/16/00				11/16/00				11/30/00				11/30/00			
					Sample Type	N1				N1				N1				N1				N1			
					Soil Type	Soils (TaB)				Soils (TaB)				Soils (TaB)				Soils (TaB)				Soils (TaB)			
					Matrix Type	SO				SO				SO				SO				SO			
					Beginning Depth	0				0				0				0				0			
					Ending Depth	0				0				0				0				0			
					Lab ID	R6079				R6080				R6081				R6491				R6492			
	Soil Comparison Criteria																								
	APPL Lab RL	**OB&G Lab RL**	**Background[a] Soils**	**RRS2-GWP (Ind.)**	**RRS2-SAI (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	NA	1.0	186	200	59,000	41.4		1	1.0	51.		1	1.0	50.		1	1.0	39.3	M	1	1.0	28.4	M	1	1.0
Chromium	NA	20	40.2	10	350,000	**45.6**		**1**	**20.0**	36.8		1	20.0	**46.4**		**1**	**20.0**	20.3	M	1	20.0	20.7	M	1	20.0
Copper	NA	2.0	23.2	130	74,000	12.1		1	2.0	16.6		1	2.0	12.8		1	2.0	9.1		1	2.0	9.		1	2.0
Nickel	NA	2.0	35.5	200	12,000	21.3		1	2.0	20.7		1	2.0	22.5		1	2.0	12.2	J	1	2.0	11.3	J	1	2.0
Selenium	NA	3.0	--	5	9,200	0.6	F	1	3.0	0.4	F	1	3.0	0.7	F	1	3.0	0.2	F	1	3.0	0.2	F	1	3.0
Silver	NA	1.0	--	51	2,800	0.06	U	1	1.0	0.9	F	1	1.0	0.06	U	1	1.0	0.06	U	1	1.0	0.06	U	1	1.0
Thallium	NA	6.0	--	0.2	150	0.25	U	1	6.0	0.25	U	1	6.0	0.25	U	1	6.0	0.25	U	1	6.0	0.25	U	1	6.0
Zinc	NA	2.0	73.2	3,100	41,000	**76.7**		**1**	**2.0**	**75.8**		**1**	**2.0**	**84.4**		**1**	**2.0**	**226.1**	**M**	**1**	**2.0**	53.9	M	1	2.0
SW7060A (mg/kg)																									
Arsenic	NA	0.5	19.6	5	200	6.6		3	1.5	13.23		5	2.5	5.87		3	1.5	3.34	M	1	0.5	3.11	M	1	0.5
SW7131A (mg/kg)																									
Cadmium	NA	0.1	3	0.5	410	0.14	M	1	0.1	0.49	M	1	0.1	0.25	M	1	0.1	0.27	M	1	0.1	0.22	M	1	0.1
SW7421 (mg/kg)																									
Lead	NA	2.5	84.5	1.5	1,000	13.16	M	5	2.5	13.2	M	10	5.0	10.51	M	3	1.5	11.85	M	5	2.5	16.06	M	5	2.5
SW7471A (mg/kg)																									
Mercury	NA	0.1	0.77	0.2	9.6	0.05	F	1	0.1	0.04	F	1	0.1	0.022	U	1	0.1	0.03	F	1	0.1	0.04	F	1	0.1
SW8260B (mg/kg)																									
Butylbenzene, N-	0.005	0.005	--	NA	NA	0.00021	U	1	0.005	0.00021	U	1	0.005	0.00021	U	1	0.005	0.00021	U	1	0.005	0.00021	U	1	0.005
Butylbenzene, sec-			--			0.00011	U	1		0.00011	U	1		0.00011	U	1		0.00011	U	1		0.00011	U	1	
Ethylbenzene	0.003	0.003	--	70	6,900	0.00012	U	1	0.003	0.00012	U	1	0.003	0.00012	U	1	0.003	0.00012	U	1	0.003	0.00012	U	1	0.003
Hexachlorobutadiene														0.00034	U	1		0.00034	M	1		0.00034	M	1	
Isopropyltoluene, 4- (Cymene, p-)	0.006	0.006	--	NA	NA	0.0001	U	1	0.006	0.0001	U	1	0.006	0.0001	U	1	0.006	0.0001	U	1	0.006	0.0001	U	1	0.006
Methylene chloride	0.005	0.005	--	0.5	16	0.0031	F	1	0.005	0.0018	F	1	0.005	0.0021	F	1	0.005	0.00014	U	1	0.005	0.00014	U	1	0.005
Naphthalene	0.02	0.005	--	200	270	0.00028	U	1	0.005	0.00028	U	1	0.005	0.00028	U	1	0.005	0.00028	M	1	0.005	0.00028	M	1	0.005
Propylbenzene, N-	0.002	0.002	--	NA	NA	0.0001	U	1	0.002	0.0001	U	1	0.002	0.0001	U	1	0.002	0.0001	U	1	0.002	0.0001	U	1	0.002
Styrene	0.002	0.0025	--	10	23,000	0.00015	U	1	0.0025	0.00015	U	1	0.0025	0.00015	U	1	0.0025	0.00015	U	1	0.0025	0.00015	U	1	0.0025
Tetrachloroethane, 1,1,2,2-						0.00028	U	1		0.00028	U	1		0.00028	U	1		0.0003	M	1		0.0003	M	1	
Tetrachloroethene	0.007	0.007	--	0.5	17	0.00015	U	1	0.007	0.00015	U	1	0.007	0.00015	U	1	0.007	0.0012	F	1	0.007	0.00015	U	1	0.007
Toluene	0.005	0.005	--	100	2,400	0.0006	F	1	0.005	0.00015	U	1	0.005	0.00015	U	1	0.005	0.0029	F	1	0.005	0.00015	U	1	0.005
Trichlorobenzene, 1,2,3-						0.00025	U	1		0.00025	U	1		0.00025	U	1		0.00025	M	1		0.00025	M	1	
Trichlorobenzene, 1,2,4-						0.00034	U	1		0.00034	U	1		0.00034	U	1		0.00034	M	1		0.00034	M	1	
Trichloroethene			--	0.5	6.6	0.001	F	1	0.01	0.001	F	1	0.01	0.001	F	1	0.01	0.0002	U	1	0.01	0.0002	U	1	0.01
Trichloropropane, 1,2,3-						0.0002	U	1		0.0002	U	1		0.0002	U	1		0.0002	M	1		0.0002	M	1	
Trimethylbenzene, 1,2,4-	0.004	0.007	--	NA	NA	0.00013	U	1	0.007	0.00013	U	1	0.007	0.00013	U	1	0.007	0.00013	U	1	0.007	0.00013	U	1	0.007
Trimethylbenzene, 1,3,5-	0.003	0.003	--	NA	NA	0.00013	U	1	0.003	0.00013	U	1	0.003	0.00013	U	1	0.003	0.00013	U	1	0.003	0.00013	U	1	0.003
Xylene, m,p-	0.007	0.007	--	1,000	3,800	0.00022	U	1	0.007	0.00022	U	1	0.007	0.00022	U	1	0.007	0.00022	U	1	0.007	0.00022	U	1	0.007
Xylene, o-	0.005	0.005	--	100	48,000	0.00013	U	1	0.005	0.00013	U	1	0.005	0.00013	U	1	0.005	0.00013	U	1	0.005	0.00013	U	1	0.005

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 O'Brien & Gere Laboratories.
Referenced laboratory package numbers: O"Brien & Gere: 7536
All MS/MSD results are presented in the Data Verification Report, Appendix D.

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, the quantitation is an estimation.
M - A matrix effect was present.
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
TaB	Tarrant Associated, undulating
DL	Dilution
FD1	Field Duplicate
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

Table B10-4
Summary of Chemical Constituents Detected in Soil, November 2000
Solid Waste Management Unit B-10

					Sample ID	B10-TrBott-10				B10-TrBott-10				B10-TrBott-11				B10-TrBott-12				B10-TrBott-14			
					Sample Date	11/30/00				11/30/00				11/30/00				11/30/00				11/30/00			
					Sample Type	FD1				N1				N1				N1				N1			
					Soil Type	Soils (TaB)				Soils (TaB)				Soils (TaB)				Soils (TaB)				Soils (TaB)			
					Matrix Type	SO				SO				SO				SO				SO			
					Beginning Depth	0				0				0				0				0			
					Ending Depth	0				0				0				0				0			
					Lab ID	R6493				R6497				R6494				R6495				R6498			
	Soil Comparison Criteria																								
	APPL Lab RL	**OB&G Lab RL**	**Background[a] Soils**	**RRS2-GWP (Ind.)**	**RRS2-SAI (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	NA	1.0	186	200	59,000	37.1	M	1	1.0	50.9	M	1	1.0	42.2	M	1	1.0	39.7	M	1	1.0	44.2	M	1	1.0
Chromium	NA	20	40.2	10	350,000	16.4	M	1	20.0	14.2	M	1	20.0	14.1	M	1	20.0	14.2	M	1	20.0	14.9	M	1	20.0
Copper	NA	2.0	23.2	130	74,000	10.6		1	2.0	10.7		1	2.0	10.7		1	2.0	9.6		1	2.0	10.2		1	2.0
Nickel	NA	2.0	35.5	200	12,000	10.3	J	1	2.0	10.7	J	1	2.0	9.5	J	1	2.0	9.6	J	1	2.0	11.2	J	1	2.0
Selenium	NA	3.0	--	5	9,200	0.3	F	1	3.0	0.16	U	1	3.0	0.31	U	2	6.0	0.31	U	2	6.0	0.16	U	1	3.0
Silver	NA	1.0	--	51	2,800																				
Thallium	NA	6.0	--	0.2	150																				
Zinc	NA	2.0	73.2	3,100	41,000	**210.1**	**M**	**1**	**2.0**	**111.5**	**M**	**1**	**2.0**	**136.4**	**M**	**1**	**2.0**	**254.8**	**M**	**1**	**2.0**	**202.3**	**M**	**1**	**2.0**
SW7060A (mg/kg)																									
Arsenic	NA	0.5	19.6	5	200	2.9	M	1	0.5	2.65	M	1	0.5	2.89	M	1	0.5	3.22	M	1	0.5	2.82	M	1	0.5
SW7131A (mg/kg)																									
Cadmium	NA	0.1	3	0.5	410	0.32	M	1	0.1	0.18	M	1	0.1	0.23	M	1	0.1	0.23	M	1	0.1	0.21	M	1	0.1
SW7421 (mg/kg)																									
Lead	NA	2.5	84.5	1.5	1,000	24.7	M	5	2.5	16.81	M	10	5.0	17.51	M	5	2.5	27.1	M	10	5.0	26.79	M	10	5.0
SW7471A (mg/kg)																									
Mercury	NA	0.1	0.77	0.2	9.6	0.022	U	1	0.1	0.023	F	1	0.1	0.13		1	0.1	0.12		1	0.1	0.12		1	0.1
SW8260B (mg/kg)																									
Butylbenzene, N-	0.005	0.005	--	NA	NA	0.00021	U	1	0.005	0.00021	U	1	0.005	0.00021	U	1	0.005	0.00021	U	1	0.005	0.00021	U	1	0.005
Butylbenzene, sec-			--			0.00011	U	1		0.00011	U	1		0.00011	U	1		0.00011	U	1		0.00011	U	1	
Ethylbenzene	0.003	0.003	--	70	6,900	0.00012	U	1	0.003	0.00012	U	1	0.003	0.00012	U	1	0.003	0.00012	U	1	0.003	0.00012	U	1	0.003
Hexachlorobutadiene						0.00034	M	1		0.00034	M	1		0.00034	M	1		0.00034	M	1		0.00034	M	1	
Isopropyltoluene, 4- (Cymene, p-)	0.006	0.006	--	NA	NA	0.0001	U	1	0.006	0.0001	U	1	0.006	0.0001	U	1	0.006	0.0001	U	1	0.006	0.0001	U	1	0.006
Methylene chloride	0.005	0.005	--	0.5	16	0.00014	U	1	0.005	0.00014	U	1	0.005	0.00014	U	1	0.005	0.00014	U	1	0.005	0.00014	U	1	0.005
Naphthalene	0.02	0.005	--	200	270	0.00028	M	1	0.005	0.00028	M	1	0.005	0.00028	M	1	0.005	0.00028	M	1	0.005	0.00028	M	1	0.005
Propylbenzene, N-	0.002	0.002	--	NA	NA	0.0001	U	1	0.002	0.0001	U	1	0.002	0.0001	U	1	0.002	0.0001	U	1	0.002	0.0001	U	1	0.002
Styrene	0.002	0.0025	--	10	23,000	0.00015	U	1	0.0025	0.00015	U	1	0.0025	0.00015	U	1	0.0025	0.00015	U	1	0.0025	0.00015	U	1	0.0025
Tetrachloroethane, 1,1,2,2-						0.0003	M	1		0.0003	M	1		0.0003	M	1		0.0003	M	1		0.0003	M	1	
Tetrachloroethene	0.007	0.007	--	0.5	17	0.003	F	1	0.007	0.001	F	1	0.007	0.001	**F**	**1**	0.007	0.0016	F	1	0.007	0.0006	F	1	0.007
Toluene	0.005	0.005	--	100	2,400	0.0012	F	1	0.005	0.0009	F	1	0.005	0.00015	U	1	0.005	0.0008	F	1	0.005	0.0008	F	1	0.005
Trichlorobenzene, 1,2,3-						0.00025	M	1		0.00025	M	1		0.00025	M	1		0.00025	M	1		0.00025	M	1	
Trichlorobenzene, 1,2,4-						0.00034	M	1		0.00034	M	1		0.00034	M	1		0.00034	M	1		0.00034	M	1	
Trichloroethene			--	0.5	6.6	0.0002	U	1	0.01	0.0002	U	1	0.01	0.0002	U	1	0.01	0.0002	U	1	0.01	0.0002	U	1	0.01
Trichloropropane, 1,2,3-						0.0002	M	1		0.0002	M	1		0.0002	M	1		0.0002	M	1		0.0002	M	1	
Trimethylbenzene, 1,2,4-	0.004	0.007	--	NA	NA	0.00013	U	1	0.007	0.00013	U	1	0.007	0.00013	U	1	0.007	0.00013	U	1	0.007	0.00013	U	1	0.007
Trimethylbenzene, 1,3,5-	0.003	0.003	--	NA	NA	0.00013	U	1	0.003	0.00013	U	1	0.003	0.00013	U	1	0.003	0.00013	U	1	0.003	0.00013	U	1	0.003
Xylene, m,p-	0.007	0.007	--	1,000	3,800	0.00022	U	1	0.007	0.00022	U	1	0.007	0.00022	U	1	0.007	0.00022	U	1	0.007	0.00022	U	1	0.007
Xylene, o-	0.005	0.005	--	100	48,000	0.00013	U	1	0.005	0.00013	U	1	0.005	0.00013	U	1	0.005	0.00013	U	1	0.005	0.00013	U	1	0.005

Tables present all laboratory results for analytes detected above the method detection limit.
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All samples were analyzed by O'Brien & Gere Laboratories.
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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
TaB	Tarrant Associated, undulating
DL	Dilution
FD1	Field Duplicate
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

Table B10-4
Summary of Chemical Constituents Detected in Soil, November 2000
Solid Waste Management Unit B-10

					Sample ID	B10-TrBott-16				B10-TrBott-17				B10-Sidewall13				B10-Sidewall15				B10-Sidewall18			
					Sample Date	11/30/00				11/30/00				11/30/00				11/30/00				11/30/00			
					Sample Type	N1				N1				N1				N1				N1			
					Soil Type	Soils (TaB)				Soils (TaB)				Soils (TaB)				Soils (TaB)				Soils (TaB)			
					Matrix Type	SO				SO				0				0				0			
					Beginning Depth	0				0				0				0				0			
					Ending Depth	0				0				R6496				R6499				R6502			
					Lab ID	R6500				R6501															
	Soil Comparison Criteria																								
	APPL Lab RL	**OB&G Lab RL**	**Background[a] Soils**	**RRS2-GWP (Ind.)**	**RRS2-SAI (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	NA	1.0	186	200	59,000	39.9	M	1	1.0	41.9	M	1	1.0	35.80	M	1	1	71.00	M	1	1	38.30	M	1	1
Chromium	NA	20	40.2	10	350,000	20.2	M	1	20.0	21.8	M	1	20.0	14.10	M	1	20	31.30	M	1	20	24.10	M	1	20
Copper	NA	2.0	23.2	130	74,000	14.8		1	2.0	15.7		1	2.0	9.60		1	2	17.90		1	2	16.70		1	2
Nickel	NA	2.0	35.5	200	12,000	11.2	J	1	2.0	12.9	J	1	2.0	10.80	J	1	2	26.10	J	1	2	12.40	J	1	2
Selenium	NA	3.0	--	5	9,200	0.16	U	1	3.0	0.16	U	1	3.0	0.20	F	1	3	0.40	F	1	3	0.20	F	1	3
Silver	NA	1.0	--	51	2,800																				
Thallium	NA	6.0	--	0.2	150									0.25	U	1	6	0.80	F	1	6	0.25	U	1	6
Zinc	NA	2.0	73.2	3,100	41,000	**313.3**	**M**	**1**	**2.0**	**1,100.5**	**M**	**5**	**10.0**	**131.70**	**M**	**1**	**2**	**89.20**	**M**	**1**	**2**	**148.60**	**M**	**1**	**2**
SW7060A (mg/kg)																									
Arsenic	NA	0.5	19.6	5	200	3.04	M	1	0.5	3.	M	1	0.5	2.680	M	1	0.5	3.920	M	1	0.5	3.260	M	1	0.5
SW7131A (mg/kg)																									
Cadmium	NA	0.1	3	0.5	410	0.76	M	1	0.1	0.97	M	1	0.1	0.210	M	1	0.1	0.040	M	1	0.1	2.750	M	5	0.5
SW7421 (mg/kg)																									
Lead	NA	2.5	84.5	1.5	1,000	**2,343.**	**M**	**1000**	**500.0**	36.38	M	20	10.0	19.310	M	1	2.5	15.310	M	1	2.5	21.550	M	1	2.5
SW7471A (mg/kg)																									
Mercury	NA	0.1	0.77	0.2	9.6	0.04	F	1	0.1	0.04	F	1	0.1	0.030	F	1	0.1	0.070	F	1	0.1	0.050	F	1	0.1
SW8260B (mg/kg)																									
Butylbenzene, N-	0.005	0.005	--	NA	NA	0.00021	U	1	0.005	0.00021	U	1	0.005	0.00021	U	1	0.005	0.00021	U	1	0.005	0.00021	U	1	0.005
Butylbenzene, sec-			--			0.00011	U	1		0.00011	U	1		0.00011	U	1	0.007	0.00011	U	1	0.007	0.00011	U	1	0.007
Ethylbenzene	0.003	0.003	--	70	6,900	0.00012	U	1	0.003	0.00012	U	1	0.003	0.00012	U	1	0.003	0.00012	U	1	0.003	0.00012	U	1	0.003
Hexachlorobutadiene						0.00034	M	1		0.00034	M	1		0.00034	M	1		0.00034	M	1		0.00034	M	1	
Isopropyltoluene, 4- (Cymene, p-)	0.006	0.006	--	NA	NA	0.0001	U	1	0.006	0.0001	U	1	0.006	0.0001	U	1	0.006	0.0001	U	1	0.006	0.0001	U	1	0.006
Methylene chloride	0.005	0.005	--	0.5	16	0.00014	U	1	0.005	0.00014	U	1	0.005	0.00014	U	1	0.005	0.00014	U	1	0.005	0.00014	U	1	0.005
Naphthalene	0.02	0.005	--	200	270	0.00028	M	1	0.005	0.00028	M	1	0.005	0.00028	M	1	0.005	0.00028	M	1	0.005	0.00028	M	1	0.005
Propylbenzene, N-	0.002	0.002	--	NA	NA	0.0001	U	1	0.002	0.0001	U	1	0.002	0.0001	U	1	0.002	0.0001	U	1	0.002	0.0001	U	1	0.002
Styrene	0.002	0.0025	--	10	23,000	0.00015	U	1	0.0025	0.00015	U	1	0.0025	0.00015	U	1	0.0025	0.00015	U	1	0.0025	0.00015	U	1	0.0025
Tetrachloroethane, 1,1,2,2-						0.0003	M	1		0.0003	M	1		0.0003	M	1		0.0003	M	1		0.0003	M	1	
Tetrachloroethene	0.007	0.007	--	0.5	17	0.0011	F	1	0.007	0.0022	F	1	0.007	0.0012	F	1	0.007	0.0029	F	1	0.007	0.0015	F	1	0.007
Toluene	0.005	0.005	--	100	2,400	0.0005	F	1	0.005	0.0014	F	1	0.005	0.0011	F	1	0.005	0.0022	F	1	0.005	0.0009	F	1	0.005
Trichlorobenzene, 1,2,3-						0.00025	M	1		0.00025	M	1		0.00025	M	1		0.00025	M	1		0.00025	M	1	
Trichlorobenzene, 1,2,4-						0.00034	M	1		0.00034	M	1		0.00034	M	1		0.00034	M	1		0.00034	M	1	
Trichloroethene			--	0.5	6.6	0.0002	U	1	0.01	0.0002	U	1	0.01	0.0002	U	1	0.01	0.0002	U	1	0.01	0.0002	U	1	0.01
Trichloropropane, 1,2,3-						0.0002	M	1		0.0002	M	1		0.0002	M	1		0.0002	M	1		0.0002	M	1	
Trimethylbenzene, 1,2,4-	0.004	0.007	--	NA	NA	0.00013	U	1	0.007	0.00013	U	1	0.007	0.00013	U	1	0.007	0.00013	U	1	0.007	0.00013	U	1	0.007
Trimethylbenzene, 1,3,5-	0.003	0.003	--	NA	NA	0.00013	U	1	0.003	0.00013	U	1	0.003	0.00013	U	1	0.003	0.00013	U	1	0.003	0.00013	U	1	0.003
Xylene, m,p-	0.007	0.007	--	1,000	3,800	0.00022	U	1	0.007	0.00022	U	1	0.007	0.00022	U	1	0.007	0.00022	U	1	0.007	0.00022	U	1	0.007
Xylene, o-	0.005	0.005	--	100	48,000	0.00013	U	1	0.005	0.00013	U	1	0.005	0.00013	U	1	0.005	0.00013	U	1	0.005	0.00013	U	1	0.005

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 O'Brien & Gere Laboratories.
Referenced laboratory package numbers: O"Brien & Gere: 7536
All MS/MSD results are presented in the Data Verification Report, Appendix D.

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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
TaB	Tarrant Associated, undulating
DL	Dilution
FD1	Field Duplicate
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

Table B10-4
Summary of Chemical Constituents Detected in Soil, November 2000
Solid Waste Management Unit B-10

					Sample ID	B10-Sidewall18				B10-16*				B10-17*			
					Sample Date	11/30/00				04/08/03				04/08/03			
					Sample Type	FD1				N1				N1			
					Soil Type	Soils (TaB)											
					Matrix Type	0				0				0			
					Beginning Depth	0				0				0			
					Ending Depth	R6503				41193				41193			
					Lab ID												
	Soil Comparison Criteria																
	APPL Lab RL	**OB&G Lab RL**	**Background[a] Soils**	**RRS2-GWP (Ind.)**	**RRS2-SAI (Ind.)**	Results	Flags	Dilution	SQL	Results	Flags	Dilution	RL/SQL	Results	Flags	Dilution	RL/SQL
SW6010B (mg/kg)																	
Barium	NA	1.0	186	200	59,000	60.50	M	1	1								
Chromium	NA	20	40.2	10	350,000	25.90	M	1	20								
Copper	NA	2.0	23.2	130	74,000	17.80		1	2								
Nickel	NA	2.0	35.5	200	12,000	18.90	J	1	2								
Selenium	NA	3.0	--	5	9,200	0.40	F	1	3								
Silver	NA	1.0	--	51	2,800									**0.63**	**J**	**1**	**5 / 5**
Thallium	NA	6.0	--	0.2	150	0.50	F	1	6								
Zinc	NA	2.0	73.2	3,100	41,000	**137.00**	**M**	**1**	**2**								
SW7060A (mg/kg)																	
Arsenic	NA	0.5	19.6	5	200	3.020	M	1	0.5								
SW7131A (mg/kg)																	
Cadmium	NA	0.1	3	0.5	410	0.560	M	1	0.1	**0.0065**		**1**	**0.005/0.005**				
SW7421 (mg/kg)																	
Lead	NA	2.5	84.5	1.5	1,000	49.020	M	1	2.5								
SW7471A (mg/kg)																	
Mercury	NA	0.1	0.77	0.2	9.6	0.752		167	16.7								
SW8260B (mg/kg)																	
Butylbenzene, N-	0.005	0.005	--	NA	NA	0.00021	U	1	0.005								
Butylbenzene, sec-			--			0.00011	U	1	0.007								
Ethylbenzene	0.003	0.003	--	70	6,900	0.00012	U	1	0.003								
Hexachlorobutadiene						0.00034	M	1									
Isopropyltoluene, 4- (Cymene, p-)	0.006	0.006	--	NA	NA	0.0001	U	1	0.006								
Methylene chloride	0.005	0.005	--	0.5	16	0.00014	U	1	0.005								
Naphthalene	0.02	0.005	--	200	270	0.00028	M	1	0.005								
Propylbenzene, N-	0.002	0.002	--	NA	NA	0.0001	U	1	0.002								
Styrene	0.002	0.0025	--	10	23,000	0.00015	U	1	0.0025								
Tetrachloroethane, 1,1,2,2-						0.0003	M	1									
Tetrachloroethene	0.007	0.007	--	0.5	17	0.0006	F	1	0.007								
Toluene	0.005	0.005	--	100	2,400	0.0011	F	1	0.005								
Trichlorobenzene, 1,2,3-						0.00025	M	1									
Trichlorobenzene, 1,2,4-						0.00034	M	1									
Trichloroethene			--	0.5	6.6	0.0002	U	1	0.01								
Trichloropropane, 1,2,3-						0.0002	M	1									
Trimethylbenzene, 1,2,4-	0.004	0.007	--	NA	NA	0.00013	U	1	0.007								
Trimethylbenzene, 1,3,5-	0.003	0.003	--	NA	NA	0.00013	U	1	0.003								
Xylene, m,p-	0.007	0.007	--	1,000	3,800	0.00022	U	1	0.007								
Xylene, o-	0.005	0.005	--	100	48,000	0.00013	U	1	0.005								

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