

Table Bldg43-4
Summary of Chemical Constituents Detected in Soil, March 2003
Solid Waste Management Unit Building 43

	Sample ID	BLDG43-SS01				BLDG43-SS02				BLDG43-SS03				BLDG43-SS04				BLDG43-SS05							
		Sample Date				Sample Date				Sample Date				Sample Date				Sample Date							
		Sample Type				Sample Type				Sample Type				Sample Type				Sample Type							
Beginning Depth				Beginning Depth				Beginning Depth				Beginning Depth				Beginning Depth									
Ending Depth				Ending Depth				Ending Depth				Ending Depth				Ending Depth									
Lab ID				Lab ID				Lab ID				Lab ID				Lab ID									
Soil Comparison Criteria																									
Lab	MDL	Lab RL	Background ^a	RRS2-GWP	RRS2-SAI	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL				
			Soil	(Ind.)	(Ind.)																				
SW6010B (mg/kg)																									
Barium	0.08	1.0	186	200	59,000	1,546.91		20	20.0	165.64		1	1.0	70.11		1	1.0	102.86		1	1.0	85.66		1	1.0
Chromium	0.1	20.0	40.2	10	350,000	18.2	F	1	20.0	20.8		1	20.0	6.5	F	1	20.0	15.7	F	1	20.0	19.	F	1	20.0
Copper	0.19	2.0	23.2	130	74,000	5,708.65	M	20	40.0	141.1	M	1	2.0	3,648.67	M	20	40.0	48.6	M	1	2.0	28.8	M	1	2.0
Nickel	0.12	2.0	35.5	200	12,000	16.7	J	1	2.0	15.05		1	2.0	11.21		1	2.0	12.07		1	2.0	13.63		1	2.0
Zinc	0.63	5.0	73.2	3,100	41,000	2,682.11		20	100.0	127.25		1	5.0	1,791.11		20	100.0	57.41		1	5.0	40.06		1	5.0
SW7060A (mg/kg)																									
Arsenic	0.04	0.5	19.6	5	200	16.37	M	10	5.0	9.08	M	10	5.0	6.67	M	10	5.0	7.58	M	10	5.0	7.67	M	10	5.0
SW7131A (mg/kg)																									
Cadmium	0.01	0.1	3.	0.5	410	18.15	J	100	10.0	1.1	J	10	1.0	4.67	F	50	5.0	0.79	F	10	1.0	0.6	F	10	1.0
SW7421 (mg/kg)																									
Lead	0.13	0.5	84.5	1.5	1,000	315.3	M	100	50.0	135.31	M	200	100.0	368.55	JM	200	100.0	36.15	M	100	50.0	28.3	M	20	10.0
SW7471A (mg/kg)																									
Mercury	0.01	0.1	0.77	0.2	9.6	0.61	M	1	0.1	0.07	M	1	0.1	0.31	M	1	0.1	2.11	M	10	1.0	1.02	M	1	0.1

Tables present all laboratory results for analytes detected above the method detection limit.
 All samples were analyzed by APPL Inc. Laboratories.
 Referenced laboratory package number: 40910.

All MS/MSD results are presented in the Data Verification Reports, Appendix B.

Abbreviations and Notes:

Highlighted and bolded sample concentrations exceed RRS1 (background) Standards.
 Boxed samples indicate results greater than RRS2 Standards. Although CSSA intends to close the site under RRS1, RRS2 Standards have been retained in the table to provide a frame of reference for RRS1 exceedances.

- No risk reduction standard or background level available
- a Background values from Second Revised Background Report, February 2002
- FD1 Field Duplicate
- GWP-Ind Soil MSC based on groundwater protection
- MDL Method Detection Limit
- N1 Environmental Sample
- 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 SQL.
- J - The analyte was positively identified, the quantitation is an estimation.
- M - A matrix effect was present.

