

**Table B8-3  
Summary of Chemical Constituents Detected in Soils, March 2003  
SWMU B-8 RCRA Facility Investigation Addendum**

Sample ID	Sample Date	Sample Type	Soil Type	Beginning Depth	Ending Depth	Lab ID	Soil Comparison Criteria																								
							Lab MDL	Lab RL	Background <sup>a</sup> Soil	RRS2-GWP (Ind.)	RRS2-SAI (Ind.)	Results	Flags	Dilution	RL	Results	Flags	Dilution	RL	Results	Flags	Dilution	RL	Results	Flags	Dilution	RL				
B8-SS01	03/05/03	N1	Soil (Kr)	0	1	AP46909																									
B8-SS02	03/05/03	N1	Soil (Kr)	0	1																										
B8-SS02	03/05/03	FD1	Soil (Kr)	0	1	AP46911																									
B8-SS03	03/05/03	N1	Soil (Kr)	0	1	AP46913																									
B8-SS04	03/05/03	N1	Soil (Kr)	0	1	AP46915																									
<b>SW6010B (mg/kg)</b>							0.044	1.0	186	200	59,000	120.46	M	1	1.0	71.62	M	1	1.0	66.7	M	1	1.0	<b>1383.01</b>	<b>M</b>	<b>10</b>	<b>10.0</b>	<b>2637.6</b>	<b>M</b>	<b>20</b>	<b>20.0</b>
Barium							0.078	20.0	40.2	10	350,000	22.1		1	20.0	10.9	F	1	20.0	9.5	F	1	20.0	20.2		1	20.0	26.7		1	20.0
Chromium							0.072	2.0	23.2	130	74,000	<b>42.46</b>	<b>M</b>	<b>1</b>	<b>2.0</b>	<b>58.03</b>	<b>M</b>	<b>1</b>	<b>2.0</b>	<b>47.43</b>	<b>M</b>	<b>1</b>	<b>2.0</b>	<b>954.97</b>	<b>M</b>	<b>10</b>	<b>20.0</b>	<b>2961.88</b>	<b>M</b>	<b>20</b>	<b>40.0</b>
Copper							0.42	2.0	73.2	3,100	41,000	45.03	M	1	2.0	30.26	M	1	2.0	30.65	M	1	2.0	<b>383.27</b>	<b>M</b>	<b>10</b>	<b>20.0</b>	<b>615.22</b>	<b>M</b>	<b>20</b>	<b>40.0</b>
Zinc																															
<b>SW7421 (mg/kg)</b>							0.069	0.5	84.5	1.5	1,000	40.91	M	100	50.0	<b>151.67</b>	<b>M</b>	<b>200</b>	<b>100</b>	<b>8607.1</b>	<b>M</b>	<b>5000</b>	<b>2500</b>	<b>2837.47</b>	<b>M</b>	<b>1000</b>	<b>500.0</b>	<b>41565.45</b>	<b>M</b>	<b>10000</b>	<b>5000.0</b>
Lead																															

Sample ID	Sample Date	Sample Type	Soil Type	Beginning Depth	Ending Depth	Lab ID	Soil Comparison Criteria																								
							Lab MDL	Lab RL	Background <sup>a</sup> Soil	RRS2-GWP (Ind.)	RRS2-SAI (Ind.)	Results	Flags	Dilution	RL	Results	Flags	Dilution	RL	Results	Flags	Dilution	RL	Results	Flags	Dilution	RL				
B8-SS05	03/05/03	N1	Soil (Kr)	0	0.5	AP46917																									
B8-SS06	03/05/03	N1	Soil (Kr)	0	0.5	AP46920																									
B8-SS07	03/05/03	N1	Soil (Kr)	0	0.5	AP46923																									
B8-SS08	03/05/03	N1	Soil (Kr)	0	0.5	AP46925																									
B8-SS09	03/05/03	N1	Soil (Kr)	0	0.5	AP46926																									
<b>SW6010B (mg/kg)</b>							0.044	1.0	186	200	59,000	<b>1551.49</b>	<b>M</b>	<b>50</b>	<b>50.0</b>	<b>4355.05</b>	<b>M</b>	<b>20</b>	<b>20.0</b>	<b>223.07</b>	<b>M</b>	<b>1</b>	<b>1.0</b>	<b>2378.06</b>	<b>M</b>	<b>20</b>	<b>20.0</b>	<b>1014.03</b>	<b>M</b>	<b>10</b>	<b>10.0</b>
Barium							0.078	20.0	40.2	10	350,000	31.6		1	20.0	30		1	20.0	22		1	20.0	27.6		1	20.0	27.8		1	20.0
Chromium							0.072	2.0	23.2	130	74,000	<b>5581.39</b>	<b>M</b>	<b>50</b>	<b>100.0</b>	<b>514.31</b>	<b>M</b>	<b>20</b>	<b>40.0</b>	<b>67.87</b>	<b>M</b>	<b>1</b>	<b>2.0</b>	<b>34942.2</b>	<b>M</b>	<b>500</b>	<b>1000.0</b>	<b>794.26</b>	<b>M</b>	<b>10</b>	<b>20.0</b>
Copper							0.42	2.0	73.2	3,100	41,000	<b>850</b>	<b>M</b>	<b>5</b>	<b>10.0</b>	<b>144.78</b>	<b>M</b>	<b>1</b>	<b>2.0</b>	<b>93.5</b>	<b>M</b>	<b>1</b>	<b>2.0</b>	<b>3607.06</b>	<b>M</b>	<b>20</b>	<b>40.0</b>	<b>364.72</b>	<b>M</b>	<b>10</b>	<b>20.0</b>
Zinc																															
<b>SW7421 (mg/kg)</b>							0.069	0.5	84.5	1.5	1,000	<b>19586.21</b>	<b>M</b>	<b>10000</b>	<b>5000.0</b>	<b>1626.98</b>	<b>M</b>	<b>1000</b>	<b>500</b>	<b>436.81</b>	<b>M</b>	<b>100</b>	<b>50.0</b>	<b>18840.58</b>	<b>M</b>	<b>10000</b>	<b>5000</b>	<b>1141.67</b>	<b>M</b>	<b>1000</b>	<b>500</b>
Lead																															

Sample ID	Sample Date	Sample Type	Soil Type	Beginning Depth	Ending Depth	Lab ID	Soil Comparison Criteria																								
							Lab MDL	Lab RL	Background <sup>a</sup> Soil	RRS2-GWP (Ind.)	RRS2-SAI (Ind.)	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL								
B8-SS10	03/05/03	N1	Soil (Kr)	0	0.5	AP46927																									
B8-SS11	03/05/03	N1	Soil (Kr)	0	0.5	AP46928																									
B8-SS12	03/05/03	N1	Soil (Kr)	0	0.5	AP46929																									
<b>SW6010B (mg/kg)</b>							0.044	1.0	186	200	59,000	<b>391.18</b>	<b>M</b>	<b>5</b>	<b>5.0</b>	145.1	M	5	5.0	55.42	M	5	5.0	29.7		1	20.0	16.3	F	1	20.0
Barium							0.078	20.0	40.2	10	350,000	25.7		1	20.0	67.44	M	1	2.0	141.36	M	1	2.0	96.83	M	1	2.0	33.68	M	1	2.0
Chromium							0.072	2.0	23.2	130	74,000	69.3	M	1	2.0	37.05	M	1	2.0	33.68	M	1	2.0	69.3	M	1	2.0	37.05	M	1	2.0
Copper							0.42	2.0	73.2	3,100	41,000																				
Zinc																															
<b>SW7421 (mg/kg)</b>							0.069	0.5	84.5	1.5	1,000	<b>501.36</b>	<b>M</b>	<b>500</b>	<b>250.0</b>	<b>625.16</b>	<b>M</b>	<b>200</b>	<b>100.0</b>	<b>48619.45</b>	<b>M</b>	<b>10000</b>	<b>5000.0</b>								
Lead																															

Tables present all laboratory results for analyses detected above the method detection limit. Results from all laboratory analysis are presented in Appendix A. All samples were analyzed by APPL Inc. Laboratories. Referenced laboratory package number: 40910 All MS/MSD results are presented in the Data Verification Report, Appendix B.

**Abbreviations and Notes:**  
 Highlighted and bolded sample concentrations exceed RRS1 (background) Standards.  
 Bolded samples indicate results greater than RRS2 Standards.  
 When RRS1 is higher than RRS2, the RRS1 value is substituted for the RRS2 value.  
 -- No risk reduction standard or background level available  
 a Background values from Revised Background Report, 2002  
 FD1 Field Duplicate  
 GR Glen Rose  
 GWP-Ind Soil MSC based on groundwater protection  
 Kr Kum Complex Soil Type  
 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 RL.  
 J- The analyte was positively identified, the quantitation is an estimation.