

Table 4.10. Detected VOCs and Metals in Surface Soils

	Sample ID								CS-MW3-LGR			CS-MW4-LGR			CS-MW4-LGR			CS-MW6-LGR			CS-MW7-CC													
	Sample Date								01/19/01			02/02/01			02/02/01			02/18/01			02/12/01													
Matrix								SO			SO			SO			SO			SO														
Sample Type								N			N			FD			N			N														
Beginning Depth								0.5			0.0			0.0			1.5			0.5														
End Depth								1.0			3.0			3.0			1.8			1.0														
Lab Sample ID								R9493			S0001			S0002			AP13084			AP13083														
Sample Comparison Criteria (mg/kg)																																		
Method	APPL		OBG		Background			Results			Flag			Dilution			SQL			Results			Flag			Dilution			SQL					
	Analyte	MDL	Lab RL	MDL	Lab RL	Soil ^a	GWP-Ind																									SAI-Ind	Results	Flag
D2216 (%)																																		
Total Solids								83.2			88.5			90.			79.5			85.2														
SW6010B (MG/KG)																																		
Barium								0.08	1.0	0.0012	1	186	200	59000	9.1	1	1.	11.	J	1	1.	7.2	J	1	1.	69.75	1	1.	9.05	1	1.			
Chromium								0.1	20	0.0022	20	40.2	10	350000	2.5	F	1	20.	5.	F	1	20.	3.9	F	1	20.	13.7	F	1	20.	18.3	F	1	20.
Copper								0.19	2.0	0.00045	2	23.2	130	74000	1.70	F	1	2.	2.80	J	1	2.	2.00	J	1	2.	9.40	1	2.	3.17	1	2.		
Nickel								0.12	2.0	0.0011	2	35.5	200	12000	1.98	F	1	2.	4.2	M	1	2.	3.3	M	1	2.	9.28	1.	2.	8.	1	2.		
Zinc								0.63	5.0	0.00093	2	73.2	3100	410000	8.10	1	2.	14.2	1	2.	13.1	1	2.	17.43	1	5.	20.14	1	5.					
SW7060A (MG/KG)																																		
Arsenic								0.04	0.5	0.00028	0.5	19.6	1	200	0.45	F	1	0.5	1.49	M	1	0.5	1.16	M	1	0.5	4.15	1	0.5	3.05	1	0.5		
SW7131A (MG/KG)																																		
Cadmium								0.01	0.1	0.00021	0.1	0.1	0.5	1500	0.12	1	0.1	0.2	M	1	0.1	0.097	M	1	0.1	0.18	1	0.1	0.01	U	1	0.1		
SW7421 (MG/KG)																																		
Lead								0.13	0.5	0.00026	0.5	84.5	1.5	1000	1.56	J	1	0.5	8.03	M	3	1.5	4.91	M	1	0.5	9.76	J	2	1.	3.29	J	1	0.5
SW8260 (MG/KG)																																		
Methylene chloride								0.0013	0.005	0.00014	0.005	-	0.5	16	0.0011	F	1	0.005	0.0006	F	1	0.005	0.0006	F	1	0.005	0.0007	U	1	0.005	0.0007	R	1	0.005
Toluene								0.0003	0.005	0.00015	0.005	-	100	2400	0.00015	U	1	0.005	0.0005	F	1	0.005	0.00015	U	1	0.005	0.001	U	1	0.005	0.0003	R	1	0.005
Trichloroethene								0.0012	0.01	0.0002	0.01	-	0.5	6.6	0.003	F	1	0.01	0.0002	U	1	0.01	0.0002	U	1	0.01	0.001	U	1	0.01	0.001	R	1	0.01

Abbreviations/Notes:

Bolded and Highlighted samples indicate results greater than RRS1 standards

Boxed samples exceed RRS2 standards when RRS1<RRS2

^a Background values from Revised Background Report, 2000

- APPL APPL Laboratories
- DL Dilution
- FD1 Field Duplicate
- GWP-Ind Soil MSC based upon groundwater protection
- MDL Method Detection Limit
- N1 Environmental Sample
- OBG O'Brien & Gere Laboratories
- Not Available
- RL Reporting Limit
- SAI-Ind Industrial use MSC 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.

M - A matrix effect was present.

U - The analyte was analyzed for, but not detected. The associated numerical value is the MDL

R- The data are unusable due to deficiencies in the ability to analyze the sample and meet QC criteria