Table 4-26
CSMRI Toxic Characteristic Leaching Procedure Samples - Trace Metals

Sample ID	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Molybdenum	Selenium	Silver	Vanadium	Zinc
CSM30S	0.044 B	0.28 B	0.017 B	ND (<0.10)	0.019 B	ND (<0.0020)	0.036 B	ND (<0.050)	0.016 B	0.058 B	1.2
CSM31S	0.024 B	0.60 B	0.022 B	ND (<0.10)	0.026 B	ND (<0.0020)	0.033 B	ND (<0.050)	0.010 B	0.0053 B	2.3
CSM82S	ND (<0.10)	1.1	0.55	ND (<0.10)	12	0.00013 B	ND (<0.10)	ND (<0.050)	0.014 B	ND (<0.10)	45
CSM97S	0.023 B	0.23 B	0.028 B	ND (<0.10)	0.036	ND (<0.0020)	ND (<0.10)	ND (<0.050)	0.014 B	ND (<0.10)	4.8
CSM113S	ND (<0.10)	0.52 B	0.042 B	ND (<0.10)	0.13	ND (<0.0020)	ND (<0.10)	ND (<0.050)	0.011 B	ND (<0.10)	2.7
CSM152S	0.046 B	0.87 B	0.0031 B	ND (<0.10)	0.054	0.00019 B	0.22	ND (<0.050)	0.015 B	0.0060 B	0.98
CP19-1S	0.022 B	0.58 B	0.060	ND (<0.10)	0.087	ND (<0.0020)	ND (<0.10)	ND (<0.050)	0.020 B	ND (<0.10)	9.2
CP21-1.5S	ND (<0.10)	0.30 B	0.061	ND (<0.10)	2.8	0.11	ND (<0.10)	ND (<0.050)	0.013 B	ND (<0.10)	5.9
CP21-3AS	ND (<0.10)	0.47 B	0.0290 B	ND (<0.10)	1	ND (<0.0020)	ND (<0.10)	ND (<0.050)	ND (<0.10)	ND (<0.10)	6.1
CP23-4S	ND (<0.10)	0.42 B	0.093	ND (<0.10)	0.1	ND (<0.0020)	ND (<0.10)	ND (<0.050)	0.011 B	ND (<0.10)	14

Notes: All units milligrams per liter; ND, not detected; B, compound identified but at less than practical reporting limit, qualitative value

Table 4-27
CSMRI Toxic Characteristic Leaching Procedure
Semivolatile Organic Compounds and Volatile Organic Compounds

Volatile Organic Compounds

Sample ID	1,1-Dichloroethene	1,2-Dichloroethane	2-Butanone	Benzene	Carbon Tetrachloride	Chlorobenzene	Chloroform	Trichloroethene	Vinyl Chloride
CSM30S	ND (<25)	ND (<25)	ND (<100)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<50)
CSM31S	ND (<25)	ND (<25)	ND (<100)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<50)
CSM82S	ND (<25)	ND (<25)	ND (<100)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<50)
CSM97S	ND (<25)	ND (<25)	ND (<100)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<50)
CSM113S	ND (<25)	ND (<25)	ND (<100)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<50)
CSM152S	ND (<25)	ND (<25)	ND (<100)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<50)
CP19-1S	ND (<25)	ND (<25)	ND (<100)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<50)
CP21-1.5S	ND (<25)	ND (<25)	ND (<100)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<50)
CP21-3AS	ND (<25)	ND (<25)	ND (<100)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<50)
CP23-4S	ND (<25)	ND (<25)	40 J	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<50)

Notes: All units micrograms per liter; ND, not detected; J, compound identified but at less than practical reporting limit, qualitative value

Semivolatile Organic Compounds

Sample ID	Pyridine	1,4-Dichlorobenzene	2-Methylphenol	Hexachloroethene	Nitrobenzene	Hexachlorobutadine	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4-Dinitrotoluene	Hexachlorbenzene	Pentachlorophenol
CSM30S	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<500)	ND (<100)	ND (<100)	ND (<500)
CSM31S	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<500)	ND (<100)	ND (<100)	ND (<500)
CSM82S	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<500)	ND (<100)	ND (<100)	ND (<500)
CSM97S	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<500)	ND (<100)	ND (<100)	ND (<500)
CSM113S	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<500)	ND (<100)	ND (<100)	ND (<500)
CSM152S	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<500)	ND (<100)	ND (<100)	ND (<500)
CP19-1S	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<500)	ND (<100)	ND (<100)	ND (<500)
CP21-1.5S	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<500)	ND (<100)	ND (<100)	ND (<500)
CP21-3AS	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<500)	ND (<100)	ND (<100)	ND (<500)
CP23-4S	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<500)	ND (<100)	ND (<100)	ND (<500)

Notes: All units micrograms per liter; ND, not detected.

Table 4-28
CSMRI Toxic Characteristic Leaching Procedure Samples
Herbicides and Pesticides

Sample ID	2,4-D	Silvex	Gamma-BHC (Lindane)	Heptachlor	Heptachlor Epoxide	Gamma-Chlordane	Alpha-Chlordane	Endrin	Methoxychlor	Toxaphene	Chlordane
CSM30S	ND (<5.0)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<2.5)	ND (<25)	ND (<10)
CSM31S	ND (<5.0)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<2.5)	ND (<25)	ND (<10)
CSM82S	ND (<5.0)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<2.5)	ND (<25)	ND (<10)
CSM97S	ND (<5.0)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<2.5)	ND (<25)	ND (<10)
CSM113S	ND (<5.0)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<2.5)	ND (<25)	ND (<10)
CSM152S	ND (<5.0)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<2.5)	ND (<25)	ND (<10)
CP19-1S	ND (<5.0)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<2.5)	ND (<25)	ND (<10)
CP21-1.5S	ND (<5.0)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<2.5)	ND (<25)	ND (<10)
CP21-3AS	ND (<5.0)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<2.5)	ND (<25)	ND (<10)
CP23-4S	ND (<5.0)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<2.5)	ND (<25)	ND (<10)

Notes: All units micrograms per liter; ND, not detected; J, compound identified but at less than practical reporting limit, qualitative value

Table 4-29
CSMRI Toxic Characteristic Leaching Procedure Samples
pH and Reactive Cyanide and Sulfide

Sample ID	pH	Reactive Cyanide	Reactive Sulfide
CSM30S	7.6	ND (<0.10)	ND (<50)
CSM82S	7.5	ND (<0.10)	ND (<50)

Notes: Units are milligram per kilogram; ND, not detected