

TABLE 5-4
TIER 1 REMEDIAL OBJECTIVES
METALS AND CYANIDE

CONSTITUENT	<u>Ingestion</u>			<u>Inhalation</u>			Soil Component to Groundwater (Class I)*	UNITS/DEPTH
	Residential	Commercial	Construction	Residential	Commercial	Construction		
Arsenic	13.0	13.0	61.0	750	1,200	25,000	30	(mg/kg)
Barium	5,500	140,000	14,000	690,000	910,000	870,000	1,800	(mg/kg)
Cadmium	78	2,000	200	1,800	2,800	59,000	59	(mg/kg)
Chromium	230	6,100	4,100	270	420	690	32	(mg/kg)
COD	---	---	---	---	---	---	---	(mg/kg)
Copper	2,900	82,000	8,200	---	---	---	330,000	(mg/kg)
Cyanide	1,600	41,000	4,100	---	---	---	40	(mg/kg)
Iron	---	---	---	---	---	---	---	(mg/kg)
Lead	400	800	700	---	---	---	107	(mg/kg)
Manganese	1,600	41,000	4,100	69,000	91,000	8,700	---	(mg/kg)
Mercury	23	610	61	10	16	0.10	6.4	(mg/kg)
Nickel	1,600	41,000	4,100	13,000	21,000	440,000	700	(mg/kg)
Selenium	390	10,000	1,000	---	---	---	3.3	(mg/kg)
Silver	390	10,000	1,000	---	---	---	39	(mg/kg)
Zinc	23,000	610,000	61,000	---	---	---	16,000	(mg/kg)

Notes: mg/kg Milligrams per kilogram
 (1) Provisional remediation objective provided by IEPA
 ----- No remediation objective has been established by the IEPA
 for this constituent for this exposure route
 * Based on an average pH of 7.50 for the site