

APPENDIX A

**Table 4 - Medium-Specific Concentrations (MSCs) for Inorganic Regulated Substances in Soil
A. Direct Contact Numeric Values**

REGULATED SUBSTANCE	CASRN	Residential MSC 0-15 feet		Non-Residential MSCs			
				Surface Soil 0-2 feet		Subsurface Soil 2-15 feet	
ALUMINUM	7429-90-5	190000	C	190000	C	190000	C
ANTIMONY	7440-36-0	88	G	1100	G	190000	C
ARSENIC	7440-38-2	12	G	53	G	190000	C
[ASBESTOS]	[12001-29-5]	[1100]	[N]	[5500]	[N]	[190000]	[N]
BARIUM AND COMPOUNDS	7440-39-3	15000	G	190000	C	190000	C
BERYLLIUM	7440-41-7	[4.2] 440	G	[18] 5600	G	190000	C
BORON AND COMPOUNDS	7440-42-8	20000	G	190000	C	190000	C
CADMIUM	7440-43-9	[110] 47	G	[1400] 210	G	190000	C
CHROMIUM III	16065-83-1	190000	C	190000	C	190000	C
CHROMIUM VI	18540-29-9	[1100] 94	G	[14000] 420	G	190000	C
COBALT	7440-48-4	13000	G	170000	G	190000	C
COPPER	7440-50-8	[190000] 8200	[C] G	[190000] 100000	[C] G	190000	C
CYANIDE, FREE	57-12-5	4400	G	56000	G	190000	C
IRON	7439-89-6	66000	G	190000	C	190000	C
LEAD	7439-92-1	500	U	1000	S	190000	C
MANGANESE	7439-96-5	[10,000] 31000	G	[130000] 190000	G	190000	C
MERCURY	7439-97-6	[19] 66	G	[240] 840	G	190000	C
NICKEL	7440-02-0	4400	G	56000	G	190000	C
SELENIUM	7782-49-2	1100	G	14000	G	190000	C
SILVER	7440-22-4	1100	G	14000	G	190000	C
THALLIUM	7440-28-0	[18] 15	G	[220] 200	G	190000	C
TIN	7440-31-5	130000	G	190000	C	190000	C
VANADIUM	7440-62-2	[13] 1500	G	[160] 20000	G	190000	C
ZINC	7440-66-6	66000	G	190000	C	190000	C

All concentrations in mg/kg

- R - Residential
- NR - Non-Residential
- G - Ingestion
- H - Inhalation
- C - Cap
- U - UBK Model
- S - SEGH Model
- NA - Not Applicable