

**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	Nonresidential MSCs				
			Surface Soil 0-2 feet		Subsurface Soil 2-15 feet		
ALUMINUM	7429-90-5	190,000	C	190,000	C	190,000	C
ANTIMONY	7440-36-0	88	G	1,100	G	190,000	C
ARSENIC	7440-38-2	12	G	53	G	190,000	C
BARIUM AND COMPOUNDS	7440-39-3	44,000	G	190,000	C	190,000	C
BERYLLIUM	7440-41-7	440	G	5,600	G	190,000	C
BORON AND COMPOUNDS	7440-42-8	44,000	G	190,000	C	190,000	C
CADMIUM	7440-43-9	110	G	1,400	G	190,000	C
CHROMIUM III	16065-83-1	190,000	C	190,000	C	190,000	C
CHROMIUM VI	18540-29-9	660	G	8,400	G	20,000	N
COBALT	7440-48-4	66	G	840	G	190,000	N
COPPER	7440-50-8	8,100	G	100,000	G	190,000	C
CYANIDE, FREE	57-12-5	4,400	G	56,000	G	190,000	C
FLUORIDE	16984-48-8	8,800	G	110,000	G	190,000	C
IRON	7439-89-6	150,000	G	190,000	C	190,000	C
LEAD	7439-92-1	500	U	1,000	S	190,000	C
LITHIUM	7439-93-2	440	G	5,600	G	190,000	C
MANGANESE	7439-96-5	10,000	G	130,000	G	190,000	C
MERCURY	7439-97-6	35	G	450	G	190,000	C
MOLYBDENUM	7439-98-7	1,100	G	14,000	G	190,000	C
NICKEL	7440-02-0	4,400	G	56,000	G	190,000	C
PERCHLORATE	7790-98-9	150	G	2,000	G	190,000	C
SELENIUM	7782-49-2	1,100	G	14,000	G	190,000	C
SILVER	7440-22-4	1,100	G	14,000	G	190,000	C
THALLIUM	7440-28-0	15	G	200	G	190,000	C
TIN	7440-31-5	130,000	G	190,000	C	190,000	C
VANADIUM	7440-62-2	1,500	G	20,000	G	190,000	C
ZINC	7440-66-6	66,000	G	190,000	C	190,000	C

All concentrations in mg/kg

R - Residential

NR - Non-Residential

G - Ingestion

H - Inhalation

C - Cap

U - UBK Model

S - SEGH Model