

**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	190000 C	190000 C	190000 C	190000 C	190000 C
ANTIMONY	7440-36-0	88 G	1300 G	190000 C	190000 C	190000 C
ARSENIC	7440-38-2	12 G	61 G	190000 C	190000 C	190000 C
BARIUM AND COMPOUNDS	7440-39-3	44000 G	190000 C	190000 C	190000 C	190000 C
BERYLLIUM	7440-41-7	440 G	6400 G	190000 C	190000 C	190000 C
BORON AND COMPOUNDS	7440-42-8	44000 G	190000 C	190000 C	190000 C	190000 C
CADMIUM	7440-43-9	110 G	1600 G	190000 C	190000 C	190000 C
CHROMIUM III	16065-83-1	190000 C	190000 C	190000 C	190000 C	190000 C
CHROMIUM VI	18540-29-9	37 G	180 G	140000 N	190000 C	190000 C
COBALT	7440-48-4	66 G	960 G	190000 N	190000 C	190000 C
COPPER	7440-50-8	7200 G	100000 G	190000 C	190000 C	190000 C
CYANIDE, FREE	57-12-5	130 G	1900 G	190000 C	190000 C	190000 C
FLUORIDE	16984-48-8	8800 G	130000 G	190000 C	190000 C	190000 C
IRON	7439-89-6	150000 G	190000 C	190000 C	190000 C	190000 C
LEAD	7439-92-1	500 U	1000 S	190000 C	190000 C	190000 C
LITHIUM	7439-93-2	440 G	6400 G	190000 C	190000 C	190000 C
MANGANESE	7439-96-5	31000 G	190000 C	190000 C	190000 C	190000 C
MERCURY	7439-97-6	35 G	510 G	190000 C	190000 C	190000 C
MOLYBDENUM	7439-98-7	1100 G	16000 G	190000 C	190000 C	190000 C
NICKEL	7440-02-0	4400 G	64000 G	190000 C	190000 C	190000 C
PERCHLORATE	7790-98-9	150 G	2200 G	190000 C	190000 C	190000 C
SELENIUM	7782-49-2	1100 G	16000 G	190000 C	190000 C	190000 C
SILVER	7440-22-4	1100 G	16000 G	190000 C	190000 C	190000 C
STRONTIUM	7440-24-6	130000 G	190000 C	190000 C	190000 C	190000 C
THALLIUM	7440-28-0	2.2 G	32 G	190000 C	190000 C	190000 C
TIN	7440-31-5	130000 G	190000 C	190000 C	190000 C	190000 C
VANADIUM	7440-62-2	15 G	220 G	190000 C	190000 C	190000 C
ZINC	7440-66-6	66000 G	190000 C	190000 C	190000 C	190000 C

All concentrations in mg/kg

R - Residential

NR - Non-Residential

G - Ingestion

N - Inhalation

C - Cap

U - UBK Model

S - SEGH Model