

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	190,000 C	190,000 C
ANTIMONY	7440-36-0	88 G	1,100 G	190,000 G	190,000 G	190,000 C
ARSENIC	7440-38-2	12 G	53 G	190,000 G	190,000 G	190,000 C
BARIUM AND COMPOUNDS	7440-39-3	[15,000] 44,000 G	190,000 G	190,000 C	190,000 C	190,000 C
BERYLLIUM	7440-41-7	440 G	5,600 G	190,000 G	190,000 G	190,000 C
BORON AND COMPOUNDS	7440-42-8	[20,000] 44,000 G	190,000 G	190,000 C	190,000 C	190,000 C
CADMIUM	7440-43-9	[47] 110 G	[210] 1,400 G	190,000 G	190,000 G	190,000 C
CHROMIUM III	16065-83-1	190,000 C	190,000 C	190,000 C	190,000 C	190,000 C
CHROMIUM VI	18540-29-9	[94] 660 G	[420] 8,400 G	190,000 G	[190,000] 20,000 G	[C] N
COBALT	7440-48-4	[4,400] 66 G	[56,000] 840 G	190,000 G	190,000 G	190,000 C
COPPER	7440-50-8	[8,200] 8,100 G	100,000 G	190,000 G	190,000 G	190,000 C
CYANIDE, FREE	57-12-5	4,400 G	56,000 G	190,000 G	190,000 G	190,000 C
FLUORIDE	16984-48-8	8,800 G	110,000 G	190,000 G	190,000 G	190,000 G
IRON	7439-89-6	[66,000] 150,000 G	190,000 G	190,000 C	190,000 C	190,000 C
LEAD	7439-92-1	500 U	1,000 S	190,000 S	190,000 S	190,000 C
LITHIUM	7439-93-0	440 G	5,600 G	190,000 G	190,000 G	190,000 C
MANGANESE	7439-96-5	[31,000] 10,000 G	[190,000] 130,000 G	190,000 C	190,000 C	190,000 C
MERCURY	7439-97-6	[66] 35 G	[840] 450 G	190,000 G	190,000 G	190,000 C
MOLYBDENUM	7439-98-7	1,100 G	14,000 G	190,000 G	190,000 G	190,000 C
NICKEL	7440-02-0	4,400 G	56,000 G	190,000 G	190,000 G	190,000 C
PERCHLORATE	7790-98-9	150 G	2,000 G	190,000 G	190,000 G	190,000 G
SELENIUM	7782-49-2	1,100 G	14,000 G	190,000 G	190,000 G	190,000 C
SILVER	7440-22-4	1,100 G	14,000 G	190,000 G	190,000 G	190,000 C
THALLIUM	7440-28-0	15 G	200 G	190,000 G	190,000 G	190,000 C
TIN	7440-31-5	130,000 G	190,000 G	190,000 C	190,000 C	190,000 C
VANADIUM	7440-62-2	1,500 G	20,000 G	190,000 G	190,000 G	190,000 C
ZINC	7440-66-6	66,000 G	190,000 G	190,000 C	190,000 C	190,000 C

All concentrations in mg/kg

R – Residential

NR - Nonresidential

G - Ingestion

[N – Inhalation]

C - Cap

U - UBK Model

S - SEGh Model