

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 | 7429905 | 190000 | C | 190000 | C | 190000 | C |
| ANTIMONY | 7440360 | 88 | G | 1100 | G | 190000 | C |
| ARSENIC | 7440382 | 12 | G | 53 | G | 190000 | C |
| BARIUM AND COMPOUNDS | 7440393 | 15000 | G | 190000 | C | 190000 | C |
| BERYLLIUM | 7440417 | 440 | G | 5600 | G | 190000 | C |
| BORON AND COMPOUNDS | 7440428 | 20000 | G | 190000 | C | 190000 | C |
| CADMIUM | 7440439 | 47 | G | 210 | G | 190000 | C |
| CHROMIUM III | 16065831 | 190000 | C | 190000 | C | 190000 | C |
| CHROMIUM VI | 18540299 | 94 | G | 420 | G | 190000 | C |
| COBALT | 7440484 | 4400 | G | 56000 | G | 190000 | C |
| COPPER | 7440508 | 8200 | G | 100000 | G | 190000 | C |
| CYANIDE, FREE | 57125 | 4400 | G | 56000 | G | 190000 | C |
| IRON | 7439896 | 66000 | G | 190000 | C | 190000 | C |
| LEAD | 7439921 | 500 | U | 1000 | S | 190000 | C |
| MANGANESE | 7439965 | 31000 | G | 190000 | C | 190000 | C |
| MERCURY | 7439976 | 66 | G | 840 | G | 190000 | C |
| NICKEL | 7440020 | 4400 | G | 56000 | G | 190000 | C |
| SELENIUM | 7782492 | 1100 | G | 14000 | G | 190000 | C |
| SILVER | 7440224 | 1100 | G | 14000 | G | 190000 | C |
| THALLIUM | 7440280 | 15 | G | 200 | G | 190000 | C |
| TIN | 7440315 | 130000 | G | 190000 | C | 190000 | C |
| VANADIUM | 7440622 | 1500 | G | 20000 | G | 190000 | C |
| ZINC | 7440666 | 66000 | G | 190000 | C | 190000 | C |

All concentrations in mg/kg except asbestos, which is in fibers/kg

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