**APPENDIX A**

Table 4 - Medium-Specific Concentrations (MSCs) for Inorganic Regulated Substances in Soil

### B. Soil to Groundwater Numeric Values

#### 1. For other options see Section 250.308

All concentrations in mg/kg

- R - Residential
- NR - Non-Residential
- G - Ingestion

<table>
<thead>
<tr>
<th>REGULATED SUBSTANCE</th>
<th>CASRN</th>
<th>Used Aquifers</th>
<th>Nonuse Aquifers</th>
<th>Soil Buffer Distance</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>TDS ≤ 2500</td>
<td>TDS &gt; 2500</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>R</td>
<td>NR</td>
<td>R</td>
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<tr>
<td></td>
<td></td>
<td>100 X GW MSC</td>
<td>Generic Value</td>
<td>100 X GW MSC</td>
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<td>1</td>
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<td>BARIUM AND COMPOUNDS</td>
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<td>8200</td>
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<td>190000</td>
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<tr>
<td>CHROMIUM (VI)</td>
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<td>COPPER</td>
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<td>100</td>
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<td>CYANIDE, FREE</td>
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<td>200</td>
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H - Inhalation
C - Cap
U - UBK Model
S - SEGH Model
NA - Not Applicable