| RAO 8 PRG Derivation | | Pore \ |
|---|---|---|
| **Contaminant** | **Units** | **TRV from BERA** |
| Arsenic | µg/L | |
| Benzene | µg/L | 130 |
| Cadmium | µg/L | 0.09[1] |
| Chlorobenzene | µg/L | 64 |
| Chromium | µg/L | |
| Copper | µg/L | 2.74[1] |
| Cyanide | µg/L | 5.2 |
| DDx | µg/L | 0.01 |
| DDT | µg/L | 0.001 |
| 1,1-DCE | µg/L | 25 |
| cis-1,2-DCE | µg/L | 590 |
| Ethylbenzene | µg/L | 7.3 |
| Lead | µg/L | 0.5 |
| Manganese | µg/L | 120 |
| Perchlorate | µg/L | 9,300 |
| PCBs | µg/L | 0.01 |
| PAHs | µg/L | |
| Acenaphthene | µg/L | 23 |
| Acenaphthylene | µg/L | |
| Anthracene | µg/L | 0.7 |
| Benzo(a)anthracene | µg/L | 0.03 |
| Benzo(a)pyrene | µg/L | 0.01 |
| Benzo(b)fluoranthene | µg/L | 0.7 |
| Benzo(g,h,i)perylene | µg/L | 0.4 |
| Benzo(k)fluoranthene | µg/L | 0.6 |
| Chrysene | µg/L | 2.0 |
| Dibenz(a,h)anthracene | µg/L | 0.3 |
| Fluoranthene | µg/L | 6.2 |
| Fluorene | µg/L | 3.9 |
| Indeno(1,2,3-c,d)pyrene | µg/L | 0.3 |
| 2-Methylnaphthalene | µg/L | 2.1 |
| Naphthalene | µg/L | 12 |
| Phenanthrene | µg/L | 6.3 |
| Pyrene | µg/L | 10 |
| Toluene | µg/L | 9.8 |
| TPH-Diesel | µg/L | 2.6 |
| TCE | µg/L | 47 |
| Vanadium | µg/L | 20 |
| Vinyl chloride | µg/L | |
| Xylenes | µg/L | 13 |
| Zinc | µg/L | 36.5 |

Notes:

NA - Not available

1 - Criterion is expressed in terms of “dissolved” concentrations in the water column.
2 - Criterion is applied as hexavalent chromium.
3 - This criterion is expressed as µg free cyanide (CN)/L.
4 - This criterion is based on evaluation in Attachment 1 to Appendix B.

| Water | | |
|---|---|---|
| **ARAR or TBC** | **PRG** | **Basis** |
| 150 | 150 | NRWQC/OR WQS |
| NA | 130 | Risk Based |
| 0.09 | 0.09[1] | Risk/NRWQC/OR WQS |
| NA | 64 | Risk Based |
| 11[1,2] | 11[1,2] | NRWQC/OR WQS |
| 4 | 2.74[1] | Risk/NRWQC/OR WQS |
| 5.2 | 5.2 | Risk/NRWQC/OR WQS |
| 0.001 | 0.001 | NRWQC/OR WQS |
| NA | 0.001 | Risk Based |
| NA | 25 | Risk Based |
| NA | 590 | Risk Based |
| NA | 7.3 | Risk Based |
| 0.5 | 0.5 | Risk/NRWQC/OR WQS |
| 1,433[4] | 1,433[4] | Site Specific Hardness Based Criterion |
| NA | 9,300 | Risk Based |
| 0.014 | 0.014 | Risk/NRWQC/OR WQS |
| NA | | NA |
| NA | 23 | Risk Based |
| NA | | NA |
| NA | 0.7 | Risk Based |
| NA | 0.03 | Risk Based |
| NA | 0.01 | Risk Based |
| NA | 0.7 | Risk Based |
| NA | 0.4 | Risk Based |
| NA | 0.6 | Risk Based |
| NA | 2 | Risk Based |
| NA | 0.3 | Risk Based |
| NA | 6.2 | Risk Based |
| NA | 3.9 | Risk Based |
| NA | 0.3 | Risk Based |
| NA | 2.1 | Risk Based |
| NA | 12 | Risk Based |
| NA | 6.3 | Risk Based |
| NA | 10 | Risk Based |
| NA | 9.8 | Risk Based |
| NA | 2.6 | Risk Based |
| NA | 47 | Risk Based |
| NA | 20 | Risk Based |
| NA | | NA |
| NA | 13 | Risk Based |
| NA | 36.5 | Risk Based |