

Toxics Substances Criteria

| Substance | Freshwater | | Marine Water | |
|--|------------|-----------|---------------|-------------------|
| | Acute | Chronic | Acute | Chronic |
| Aldrin/Dieldrin e | 2.5a | 0.0019b | 0.71a | 0.0019b |
| Ammonia (un-ionized NH ₃) hh | f,c | g,d | 0.233h,c | 0.035h,d |
| Arsenic dd | 360.0c | 190.0d | 69.0c,ll | 36.0d,cc,ll |
| Cadmium dd | i,c | j,d | 42.0c | 9.3d |
| Chlordane | 2.4a | 0.0043b | 0.09a | 0.004b |
| Chloride (Dissolved) k | 860.0h,c | 230.0h,d | - | - |
| Chlorine (Total Residual) | 19.0c | 11.0d | 13.0c | 7.5d |
| Chlorpyrifos | 0.083c | 0.041d | 0.011c | 0.0056d |
| Chromium (Hex) dd | 15.0c,i,ii | 10.0d,jj | 1,100.0c,i,ll | 50.0d,ll |
| Chromium (Tri) gg | m,c | n,d | - | - |
| Copper dd | o,c | p,d | 4.8c,ll | 3.1d,ll |
| Cyanide ee | 22.0c | 5.2d | 1.0c,mm | d,mm |
| DDT (and metabolites) | 1.1a | 0.001b | 0.13a | 0.001b |
| Dieldrin/Aldrin e | 2.5a | 0.0019b | 0.71a | 0.0019b |
| Endosulfan | 0.22a | 0.056b | 0.034a | 0.0087b |
| Endrin | 0.18a | 0.0023b | 0.037a | 0.0023b |
| Heptachlor | 0.52a | 0.0038b | 0.053a | 0.0036b |
| Hexachlorocyclohexane (Lindane) | 2.0a | 0.08b | 0.16a | - |
| Lead dd | q,c | r,d | 210.0c,ll | 8.1d,ll |
| Mercury s | 2.1c,kk,dd | 0.012d,ff | 1.8c,ll,dd | 0.025d,ff |
| Nickel dd | t,c | u,d | 74.0c,ll | 8.2d,ll |
| Parathion | 0.065c | 0.013d | - | - |
| Pentachlorophenol (PCP) | w,c | v,d | 13.0c | 7.9d |
| Polychlorinated Biphenyls (PCBs) | 2.0b | 0.014b | 10.0b | 0.030b |
| Selenium | 20.0c,ff | 5.0d,ff | 290c,ll,dd | 71.0d, x,ll,dd |

| | | | | |
|-----------|---------|---------|----------|----------|
| Silver dd | y,a | - | 1.9a,ll | - |
| Toxaphene | 0.73c,z | 0.0002d | 0.21c,z | 0.0002d |
| Zinc dd | aa,c | bb,d | 90.0c,ll | 81.0d,ll |

Notes to Table 240(3):

- a. An instantaneous concentration not to be exceeded at any time.
- b. A 24-hour average not to be exceeded.
- c. A 1-hour average concentration not to be exceeded more than once every three years on the average.
- d. A 4-day average concentration not to be exceeded more than once every three years on the average.
- e. Aldrin is metabolically converted to Dieldrin. Therefore, the sum of the Aldrin and Dieldrin concentrations are compared with the Dieldrin criteria.
- f. Shall not exceed the numerical value in total ammonia nitrogen (mg N/L) given by: