

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
|------------|---------------------------------|-------------|-----------------------|------------------------|--------------------------------|---------------|-----------------|-------------------------|--|-------------------|--------------------|---------------------|
| Pollutant | Ce Effluent Conc. ug/l | Ce' ug/l | Ca Ambient ug/l | Aquatic IWC ug/l | Human Health IWC ug/l | Aquatic Life | | Human Health ug/l | Primary Contact Ceremonial ug/l | Agricultural | | RP Limit Test |
| | | | | | | Acute ug/l | Chronic ug/l | | | Livestock ug/l | Irrigation ug/l | |
| Aluminum | 38.2 | 81.3 | 73 | 77.93 | 54.18 | 750 | 87 | --- | --- | 5000 | 5000 | No |
| Arsenic | 2.4 | 5.11 | 2 | 3.83 | 2.67 | 340 | 150 | 4.2 | --- | 200 | --- | No |
| Boron | 255 | 543.2 | --- | 320.24 | 222.65 | --- | --- | --- | --- | 5000 | 750 | No |
| Chromium | 1.4 | 2.98 | --- | 1.76 | 1.22 | 763.7 | 99.34 | --- | 100 | 1000 | --- | No |
| Copper | 3.2 | 6.82 | --- | 4.02 | 2.79 | 18.82 | 12.16 | --- | --- | 500 | --- | No |
| Mercury | 0.00318 | 0.007 | --- | 0.004 | 0.003 | 2.4 | 0.012 | 0.051 | 2.0 | 10 | --- | No |
| Molybdenum | 6 | 12.8 | 3.4 | 8.93 | 6.21 | --- | --- | --- | --- | --- | 10 | No |
| Nickel | 2.6 | 5.54 | --- | 3.27 | 2.27 | 633.7 | 70.04 | 4600 | --- | --- | --- | No |
| Selenium | 1.4 | 2.98 | --- | 1.76 | 1.22 | --- | --- | 11000 | 50 | 50 | --- | No |
| Vanadium | 3.5 | 7.46 | --- | 4.40 | 3.06 | --- | --- | --- | --- | 100 | 100 | No |
| Zinc | 12.2 | 26.0 | --- | 15.32 | 10.65 | 158.7 | 160.0 | --- | --- | --- | --- | No |
| BDCM | 1.8 | 3.83 | --- | 2.26 | 1.57 | --- | --- | 46 | --- | --- | --- | No |
| CDMB | 0.81 | 1.72 | --- | 1.02 | 0.71 | --- | --- | 34 | --- | --- | --- | No |
| Chloroform | 1.88 | 4.00 | --- | 2.36 | 1.64 | --- | --- | 470 | --- | --- | --- | No |

Footnotes:

Col 2 values taken from **Appendix 1** of the Fact Sheet.

Col 3; C_e' , is Col 2 pollutant concentration; C_e , times 2.13, a statistical factor used to account for pollutant variability

Col 4 values taken from previous permit development

Col 5 and Col 6 are derived according to the following: $IWC = (FQ_a \times C_a) + (Q_e \times C_e') / (FQ_a + Q_e)$

Where:

F is fraction of stream allowed for mixing, for intermittent streams, human health or when morphology is unknown for perennial streams, F = 1.0

Q_a is the low flow; 52.9 MGD for aquatic toxicity or 132.5 MGD for human health

Q_e is the design flow; 76 MGD

Col's 7, 8, 9, 10, 11, and 12 are criteria taken from the PIWQS. Calculations for hardness based criteria for chromium, copper, nickel and zinc are shown in the Fact Sheet.

Col 13 is based on the following test: If the IWC is greater than or equal to the acute criteria after mixing, or higher than the chronic or human health criteria at the edge of the mixing zone, Col 13 will show "Yes" and a pollutant limit would be calculated. If Col 13 shows "No", then no limit is required and the pollutant does not demonstrate RP to exceed the appropriate WQ criteria.