

Annexure 8 - Summary of Average Event Mean Concentrations (EMCs) for sectors & sub-sectors¹

| | TURBIDITY | | NUTRIENTS | | | TOXICS | | | | PATHOGENS |
|---|------------|--------------------------|------------------|----------------|-------------|-------------|----------------|-----------------|---------------|----------------------------------|
| | TSS (mg/L) | Nitrate & Nitrite (mg/L) | Ammonia N (mg/L) | Total P (mg/L) | Zinc (mg/L) | Lead (mg/L) | Cadmium (mg/L) | Chromium (mg/L) | Copper (mg/L) | Faecal Coliform (Counts / 100ml) |
| GENERAL AUTHORIZATION LIMITS | 25 | 15 | 6 | 10 | 0.1 | 0.010 | 0.005 | 0.05 | 0.01 | 1000 |
| | 10 | 1.5 | 2 | 1 | 0.04 | 0.006 | 0.001 | 0.02 | 0.002 | |
| Agriculture | 66 | 0.8 | 1 | 1 | 0.02 | 0.003 | 0.001 | 0.00 | 0.004 | |
| Dryland commercial cropland | 81 | 1.6 | | 1 | 0.02 | 0.002 | | | 0.002 | |
| Dryland commercial cropland (Longer rotation) | 16 | | | 0 | | | | | | |
| Extensive livestock grazing | 1 | 0.4 | | 0 | 0.01 | 0.005 | | | | |
| Forestry/timber | | | 0 | 0 | | | | | | |
| Intensive livestock grazing operations | 110 | | 1 | 1 | | | | | | |
| (blank) | 19 | 0.4 | | 0 | 0.02 | 0.003 | 0.001 | 0.00 | 0.005 | |
| Civic & Social | 91 | 0.7 | | 0 | 0.13 | 0.015 | 0.003 | 0.00 | 0.012 | 1400 |
| (blank) | 91 | 0.7 | | 0 | 0.13 | 0.015 | 0.003 | 0.00 | 0.012 | 1400 |
| Industry | 195 | 0.6 | 0 | 0 | 0.37 | 0.112 | 0.003 | 0.01 | 0.022 | 2300 |
| (blank) | 195 | 0.6 | 0 | 0 | 0.37 | 0.112 | 0.003 | 0.01 | 0.022 | 2300 |
| Mixed Use / Commercial/Retail/Business | 288 | 0.6 | 1 | 0 | 0.20 | 0.171 | 0.005 | 0.01 | 0.052 | 1400 |
| (blank) | 288 | 0.6 | 1 | 0 | 0.20 | 0.171 | 0.005 | 0.01 | 0.052 | 1400 |
| Open Space | 87 | 0.5 | 1 | 0 | 0.07 | 0.006 | 0.000 | 0.00 | 0.003 | 500 |
| Parks & gardens | 20 | 0.4 | | 0 | 0.03 | 0.003 | 0.001 | 0.00 | 0.006 | |
| Golf courses | 176 | | 1 | 1 | | | | | | |

¹ The colour schemes reflected in this table correspond to threat classes used as part of the risk assessment.

| | TURBIDITY | NUTRIENTS | | | TOXICS | | | | PATHOGENS | |
|--|------------|--------------------------|------------------|----------------|-------------|-------------|----------------|-----------------|---------------|----------------------------------|
| | TSS (mg/L) | Nitrate & Nitrite (mg/L) | Ammonia N (mg/L) | Total P (mg/L) | Zinc (mg/L) | Lead (mg/L) | Cadmium (mg/L) | Chromium (mg/L) | Copper (mg/L) | Faecal Coliform (Counts / 100ml) |
| GENERAL AUTHORIZATION LIMITS | 25 | 15 | 6 | 10 | 0.1 | 0.010 | 0.005 | 0.05 | 0.01 | 1000 |
| | 10 | 1.5 | 2 | 1 | 0.04 | 0.006 | 0.001 | 0.02 | 0.002 | |
| (blank) | 79 | 0.6 | 1 | 0 | 0.07 | 0.006 | 0.000 | 0.00 | 0.003 | 500 |
| Residential | 313 | 0.5 | 2 | 1 | 0.11 | 0.055 | 0.002 | 0.00 | 0.025 | 8700 |
| Residential Low impact / Residential only | 277 | 0.4 | 1 | 1 | 0.05 | 0.012 | 0.002 | 0.00 | 0.014 | 8700 |
| Residential Medium Impact | 640 | 0.5 | 1 | 1 | 0.06 | 0.015 | 0.002 | 0.00 | 0.016 | 8700 |
| High density urban / Residential High Impact | 107 | 0.7 | | 0 | 0.12 | 0.021 | 0.003 | 0.00 | 0.024 | 8700 |
| (blank) | 72 | 0.5 | 3 | 1 | 0.16 | 0.162 | 0.004 | | 0.037 | |
| Service Infrastructure | 21 | 0.4 | | 0 | 0.03 | 0.003 | 0.001 | 0.00 | 0.006 | |
| (blank) | 21 | 0.4 | | 0 | 0.03 | 0.003 | 0.001 | 0.00 | 0.006 | |
| Transportation | 79 | 0.7 | | 0 | 0.18 | 0.167 | 0.003 | 0.00 | 0.020 | 1400 |
| Paved Roads | 72 | 1.0 | | 0 | 0.23 | 0.246 | 0.004 | 0.01 | 0.023 | 1400 |
| (blank) | 90 | 0.5 | | 0 | 0.11 | 0.008 | 0.001 | 0.00 | 0.018 | |
| Mining | 94 | | | 0 | | | | | | |
| (blank) | 94 | | | 0 | | | | | | |