|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sampled** | 5/07/2012 |   | **Licensee:** | Maitland City Council |
| **Published** | 24/07/2012 |  | **EPL #** | 6116 |
| **Obtained** | 17/07/2012 |   |   |   |   |
| Sampling Point | Monitoring Frequency | Pollutant | Measurement | Limit | Unit |
| **SW3** | Quarterly | Alkalinity (as calcium) | 64 | NA | mg/L |
|   | Quarterly | Ammonia | 0.93 | NA | mg/L |
|   | Quarterly | BOD | 12 | NA | mg/L |
|   | Quarterly | Calcium | 55 | NA | mg/L |
|   | Quarterly | Chloride | 43 | NA | mg/L |
|   | Quarterly | EC | 690 | NA | µS/cm |
|   | Quarterly | Fluoride | 1 | NA | mg/L |
|   | Quarterly | Iron | 0.18 | NA | mg/L |
|   | Quarterly | Magnesium | 18 | NA | mg/L |
|   | Quarterly | Manganese | 0.33 | NA | mg/L |
|   | Quarterly | Nitrate | 0.65 | NA | mg/L |
|   | Quarterly | OC Pesticide | ND | NA | mg/L |
|   | Quarterly | pH | 7.3 | NA | pH units |
|   | Quarterly | Potassium | 10 | NA | mg/L |
|  | Quarterly | Sodium | 53 | NA | mg/L |
|   | Quarterly | Sulphate | 200 | NA | mg/L |
|   | Quarterly | Total Phenolics | ND | NA | mg/L |
|   | Quarterly | Total Organic Carbon | 17 | NA | mg/L |
|   | Quarterly | Total Suspended Solids | 31 | NA | mg/L |
| **SW1** | Quarterly | Ammonia | 0.98 | 7 | mg/L |
|   | Quarterly | Iron | 0.07 | 0.7 | mg/L |
|   | Quarterly | Nitrate | 0.13 | 4.11 | mg/L |
| **SW2** | Quarterly | Ammonia | 0.26 | 7 | mg/L |
|   | Quarterly | Iron | 0.05 | 0.7 | mg/L |
|   | Quarterly | Nitrate | 0.19 | 4.11 | mg/L |
| **GW1** | Quarterly | Ammonia | 0.28 | 12.1 | mg/L |
|   | Quarterly | Fluoride | 0.22 | NA | mg/L |
|   | Quarterly | Iron | 2.2 | NA | mg/L |
|   | Quarterly | Manganese | 0.25 | NA | mg/L |
|   | Quarterly | Nitrate | 0.76 | NA | mg/L |
|   | Quarterly | pH | 6.1 | 5.5 - 7.8 | pH units |
|   | Quarterly | Potassium | 14 | 42 | mg/L |
|   | Quarterly | Total Organic Carbon | 44 | 45.5 | mg/L |
|   | Quarterly | EC | 1600 | NA | µS/cm |
| **GW2** | Quarterly | Ammonia | 0.24 | 12.1 | mg/L |
|   | Quarterly | Fluoride | 0.5 | NA | mg/L |
|   | Quarterly | Iron | 0.98 | NA | mg/L |
|   | Quarterly | Manganese | 5.2 | NA | mg/L |
|   | Quarterly | Nitrate | ND | NA | mg/L |
|   | Quarterly | pH | 6.8 | 5.5 - 7.8 | pH units |
|   | Quarterly | Potassium | 35 | 42 | mg/L |
|   | Quarterly | Total Organic Carbon | 21 | 45.5 | mg/L |
|   | Quarterly | EC | 11000 | NA | µS/cm |
| **GW3** | Quarterly | Ammonia | 6.6 | 12.1 | mg/L |
|   | Quarterly | Fluoride | 1.1 | NA | mg/L |
|   | Quarterly | Iron | 0.01 | NA | mg/L |
|   | Quarterly | Manganese | 1 | NA | mg/L |
|   | Quarterly | Nitrate | ND | NA | mg/L |
|   | Quarterly | pH | 7.1 | 5.5 - 7.8 | pH units |
|   | Quarterly | Potassium | 33 | 42 | mg/L |
|   | Quarterly | Total Organic Carbon | 13 | 45.5 | mg/L |
|   | Quarterly | EC | 8000 | NA | µS/cm |
| **GW4** | Quarterly | Ammonia | 0.01 | 12.1 | mg/L |
|   | Quarterly | Fluoride | 0.68 | NA | mg/L |
|   | Quarterly | Iron | 0.15 | NA | mg/L |
|   | Quarterly | Manganese | 0.95 | NA | mg/L |
|   | Quarterly | Nitrate | ND | NA | mg/L |
|   | Quarterly | pH | 7.1 | 5.5 - 7.8 | pH units |
|   | Quarterly | Potassium | 32 | 42 | mg/L |
|   | Quarterly | Total Organic Carbon | 10 | 45.5 | mg/L |
|   | Quarterly | EC | 8400 | NA | µS/cm |
| **GW5** | Quarterly | Ammonia | 1.4 | 12.1 | mg/L |
|   | Quarterly | Fluoride | 0.39 | NA | mg/L |
|   | Quarterly | Iron | 13 | NA | mg/L |
|   | Quarterly | Manganese | 1.6 | NA | mg/L |
|   | Quarterly | Nitrate | ND | NA | mg/L |
|   | Quarterly | pH | 6.6 | 5.5 - 7.8 | pH units |
|   | Quarterly | Potassium | 33 | 42 | mg/L |
|   | Quarterly | Total Organic Carbon | 10 | 45.5 | mg/L |
|   | Quarterly | EC | 11000 | NA | µS/cm |
| **GW6** | Quarterly | Ammonia | 2.4 | 12.1 | mg/L |
|   | Quarterly | Fluoride | 0.48 | NA | mg/L |
|   | Quarterly | Iron | 0.02 | NA | mg/L |
|   | Quarterly | Manganese | 0.21 | NA | mg/L |
|   | Quarterly | Nitrate | ND | NA | mg/L |
|   | Quarterly | pH | 7.4 | 5.5 - 7.8 | pH units |
|   | Quarterly | Potassium | 12 | 42 | mg/L |
|   | Quarterly | Total Organic Carbon | 9 | 45.5 | mg/L |
|   | Quarterly | EC | 12000 | NA | µS/cm |