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| **Sampled** | 13/01/2017 |  | Licensee: | Maitland City Council | |
| **Published** | 3/02/2017 |  | EPL # | 6116 | |
| **Obtained** | 1/02/2017 |  |  |  |  |
| Sampling Point | Monitoring Frequency | Pollutant | Measurement | Limit | Unit |
| **SW1** | Quarterly | Ammonia | 0.06 | 7 | mg/L |
|  | Quarterly | Iron | 0.01 | 0.7 | mg/L |
|  | Quarterly | Nitrate | ND | 4.11 | mg/L |
|  | Annually | BOD | ND | 5.9 | mg/L |
|  | Annually | Barium | 0.058 | 0.1 | mg/L |
|  | Annually | Copper | ND | 0.1 | mg/L |
|  | Annually | Mercury | ND | 0.0005 | mg/L |
|  | Annually | Phosphorus | 0.1 | 1.4 | mg/L |
|  | Annually | Zinc | ND | 0.12 | mg/L |
| **SW2** | Quarterly | Ammonia | 0.09 | 7 | mg/L |
|  | Annually | BOD | ND | NA | mg/L |
|  | Quarterly | Iron | 0.066 | 0.7 | mg/L |
|  | Quarterly | Nitrate | ND | 4.11 | mg/L |
|  | Annually | Barium | 0.055 | 0.1 | mg/L |
|  | Annually | Copper | ND | 0.1 | mg/L |
|  | Annually | Mercury | ND | 0.0005 | mg/L |
|  | Annually | Phosphorous | **1.9** | 1.4 | mg/L |
|  | Annually | Zinc | ND | 0.12 | mg/L |
| **SW3** | Quarterly | Alkalinity (as calcium) | 250 | NA | mg/L |
|  | Quarterly | Ammonia | 0.1 | NA | mg/L |
|  | Quarterly | BOD | 10 | NA | mg/L |
|  | Quarterly | Calcium | 50 | NA | mg/L |
|  | Quarterly | Chloride | 540 | NA | mg/L |
|  | Quarterly | EC | 3700 | NA | µS/cm |
|  | Quarterly | Fluoride | 0.97 | NA | mg/L |
|  | Quarterly | Iron | 0.006 | NA | mg/L |
|  | Quarterly | Magnesium | 98 | NA | mg/L |
|  | Quarterly | Manganese | 0.002 | NA | mg/L |
|  | Quarterly | Nitrate | ND | NA | mg/L |
|  | Quarterly | OC Pesticide | ND | NA | mg/L |
|  | Quarterly | pH | 9.1 | NA | pH units |
|  | Quarterly | Potassium | 92 | NA | mg/L |
|  | Quarterly | Sodium | 520 | NA | mg/L |
|  | Quarterly | Sulphate | 810 | NA | mg/L |
|  | Quarterly | Total Phenolics | 0.02 | NA | mg/L |
|  | Quarterly | Total Organic Carbon | 46 | NA | mg/L |
|  | Quarterly | Total Suspended Solids | 42 | NA | mg/L |
| **SW7** | Quarterly | Ammonia | 0.04 | 7 | mg/L |
|  | Quarterly | Iron | 0.32 | 0.7 | mg/L |
|  | Quarterly | Nitrate | ND | 4.11 | mg/L |
|  | Annually | BOD | ND | 5.9 | mg/L |
|  | Annually | Barium | 0.01 | 0.1 | mg/L |
|  | Annually | Copper | ND | 0.1 | mg/L |
|  | Annually | Mercury | ND | 0.0005 | mg/L |
|  | Annually | Phosphorus | 0.08 | 1.4 | mg/L |
|  | Annually | Zinc | ND | 0.12 | mg/L |
| **GW1** | Quarterly | Ammonia | 5.2 | 12.1 | mg/L |
|  | Quarterly | Fluoride | 0.29 | NA | mg/L |
|  | Quarterly | Iron | 0.36 | NA | mg/L |
|  | Quarterly | Manganese | 1 | NA | mg/L |
|  | Quarterly | Nitrate | 1.7 | NA | mg/L |
|  | Quarterly | pH | 6.5 | 5.5 - 7.8 | pH units |
|  | Quarterly | Potassium | 24 | 42 | mg/L |
|  | Quarterly | Total Organic Carbon | 15 | 45.5 | mg/L |
|  | Quarterly | EC | 3500 | NA | µS/cm |
|  | Annually | Aluminium | 0.017 | 0.119 | mg/L |
|  | Annually | Arsenic | ND | 0.005 | mg/L |
|  | Annually | Copper | 0.002 | 0.1 | mg/L |
|  | Annually | Mercury | ND | 0.0005 | mg/L |
| **GW2** | Quarterly | Ammonia | 0.03 | 12.1 | mg/L |
|  | Quarterly | Fluoride | ND | NA | mg/L |
|  | Quarterly | Iron | ND | NA | mg/L |
|  | Quarterly | Manganese | 0.041 | NA | mg/L |
|  | Quarterly | Nitrate | ND | NA | mg/L |
|  | Quarterly | pH | 6.8 | 5.5 - 7.8 | pH units |
|  | Quarterly | Potassium | **49** | 42 | mg/L |
|  | Quarterly | Total Organic Carbon | 13 | 45.5 | mg/L |
|  | Quarterly | EC | 11000 | NA | µS/cm |
|  | Annually | Aluminium | ND | 0.119 | mg/L |
|  | Annually | Arsenic | ND | 0.005 | mg/L |
|  | Annually | Copper | 0.002 | 0.1 | mg/L |
|  | Annually | Mercury | ND | 0.0005 | mg/L |
| **GW3** | Quarterly | Ammonia | 3.5 | 12.1 | mg/L |
|  | Quarterly | Fluoride | 0.86 | NA | mg/L |
|  | Quarterly | Iron | 0.01 | NA | mg/L |
|  | Quarterly | Manganese | 1.1 | NA | mg/L |
|  | Quarterly | Nitrate | ND | NA | mg/L |
|  | Quarterly | pH | 7.1 | 5.5 - 7.8 | pH units |
|  | Quarterly | Potassium | **46** | 42 | mg/L |
|  | Quarterly | Total Organic Carbon | 11 | 45.5 | mg/L |
|  | Quarterly | EC | 8500 | NA | µS/cm |
|  | Annually | Aluminium | ND | 0.119 | mg/L |
|  | Annually | Arsenic | ND | 0.005 | mg/L |
|  | Annually | Copper | ND | 0.1 | mg/L |
|  | Annually | Mercury | ND | 0.0005 | mg/L |
| **GW4** | Quarterly | Ammonia | 0.18 | 12.1 | mg/L |
|  | Quarterly | Fluoride | 0.18 | NA | mg/L |
|  | Quarterly | Iron | ND | NA | mg/L |
|  | Quarterly | Manganese | 0.71 | NA | mg/L |
|  | Quarterly | Nitrate | 0.22 | NA | mg/L |
|  | Quarterly | pH | 7.1 | 5.5 - 7.8 | pH units |
|  | Quarterly | Potassium | 41 | 42 | mg/L |
|  | Quarterly | Total Organic Carbon | 10 | 45.5 | mg/L |
|  | Quarterly | EC | 8500 | NA | µS/cm |
|  | Annually | Aluminium | ND | 0.119 | mg/L |
|  | Annually | Arsenic | ND | 0.005 | mg/L |
|  | Annually | Copper | 0.001 | 0.1 | mg/L |
|  | Annually | Mercury | ND | 0.0005 | mg/L |
| **GW5** | Quarterly | Ammonia | 0.22 | 12.1 | mg/L |
|  | Quarterly | Fluoride | 0.5 | NA | mg/L |
|  | Quarterly | Iron | ND | NA | mg/L |
|  | Quarterly | Manganese | 0.63 | NA | mg/L |
|  | Quarterly | Nitrate | 2.6 | NA | mg/L |
|  | Quarterly | pH | 6.9 | 5.5 - 7.8 | pH units |
|  | Quarterly | Potassium | **44** | 42 | mg/L |
|  | Quarterly | Total Organic Carbon | 9.2 | 45.5 | mg/L |
|  | Quarterly | EC | 11000 | NA | µS/cm |
|  | Annually | Aluminium | ND | 0.119 | mg/L |
|  | Annually | Arsenic | ND | 0.005 | mg/L |
|  | Annually | Copper | ND | 0.1 | mg/L |
|  | Annually | Mercury | ND | 0.0005 | mg/L |
| **GW6** | Quarterly | Ammonia | 0.12 | 12.1 | mg/L |
|  | Quarterly | Fluoride | 0.66 | NA | mg/L |
|  | Quarterly | Iron | ND | NA | mg/L |
|  | Quarterly | Manganese | 0.27 | NA | mg/L |
|  | Quarterly | Nitrate | 0.26 | NA | mg/L |
|  | Quarterly | pH | **8** | 5.5 - 7.8 | pH units |
|  | Quarterly | Potassium | 17 | 42 | mg/L |
|  | Quarterly | Total Organic Carbon | 21 | 45.5 | mg/L |
|  | Quarterly | EC | 11000 | NA | µS/cm |
|  | Annually | Aluminium | ND | 0.119 | mg/L |
|  | Annually | Arsenic | 0.001 | 0.005 | mg/L |
|  | Annually | Copper | 0.002 | 0.1 | mg/L |
|  | Annually | Mercury | ND | 0.0005 | mg/L |