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| **Sampled** | 5/07/2017 |  | Licensee: | Maitland City Council | |
| **Published** | 1/08/2017 |  | EPL # | 6116 | |
| **Obtained** | 1/08/2017 |  |  |  |  |
| Sampling Point | Monitoring Frequency | Pollutant | Measurement | Limit | Unit |
| **SW1** | Quarterly | Ammonia | 0.08 | 7 | mg/L |
|  | Quarterly | Iron | 0.34 | 0.7 | mg/L |
|  | Quarterly | Nitrate | 0.036 | 4.11 | mg/L |
|  | Annually | BOD | ND | 5.9 | mg/L |
|  | Annually | Barium | 0.037 | 0.1 | mg/L |
|  | Annually | Copper | 0.002 | 0.1 | mg/L |
|  | Annually | Mercury | ND | 0.0005 | mg/L |
|  | Annually | Phosphorus | 0.11 | 1.4 | mg/L |
|  | Annually | Zinc | 0.006 | 0.12 | mg/L |
| **SW2** | Annually | Alkalinity (as calcium) | 260 | NA | mg/L |
|  | Quarterly | Ammonia | 1.1 | 7 | mg/L |
|  | Annually | BOD | ND | NA | mg/L |
|  | Annually | Calcium | 110 | NA | mg/L |
|  | Annually | Chloride | 330 | NA | mg/L |
|  | Annually | EC (µS/cm) | 2700 | NA | µS/cm |
|  | Annually | Fluoride | 1.4 | NA | mg/L |
|  | Quarterly | Iron | 0.35 | 0.7 | mg/L |
|  | Annually | Magnesium | 69 | NA | mg/L |
|  | Annually | Manganese | 0.15 | 1.9 | mg/L |
|  | Quarterly | Nitrate | 0.25 | 4.11 | mg/L |
|  | Annually | OC Pesticide | ND | 0.00001 | mg/L |
|  | Annually | pH (pH units) | 7.7 | 5.5-7.8 | pH |
|  | Annually | Potassium | **47** | 42 | mg/L |
|  | Annually | Sodium | 390 | NA | mg/L |
|  | Annually | Sulphate | 670 | NA | mg/L |
|  | Annually | Total Phenolics | 0.02 | NA | mg/L |
|  | Annually | Total Organic Carbon | 35 | 45.5 | mg/L |
|  | Annually | Total Suspended Solids | ND | NA | mg/L |
|  | Annually | Barium | 0.044 | 0.1 | mg/L |
|  | Annually | Copper | 0.002 | 0.1 | mg/L |
|  | Annually | Mercury | ND | 0.0005 | mg/L |
|  | Annually | Phosphorous | 0.18 | 1.4 | mg/L |
|  | Annually | Zinc | ND | 0.12 | mg/L |
| **SW3** | Quarterly | Alkalinity (as calcium) | 400 | NA | mg/L |
|  | Quarterly | Ammonia | 9.1 | NA | mg/L |
|  | Quarterly | BOD | ND | NA | mg/L |
|  | Quarterly | Calcium | 110 | NA | mg/L |
|  | Quarterly | Chloride | 260 | NA | mg/L |
|  | Quarterly | EC | 2400 | NA | µS/cm |
|  | Quarterly | Fluoride | 0.95 | NA | mg/L |
|  | Quarterly | Iron | 0.17 | NA | mg/L |
|  | Quarterly | Magnesium | 57 | NA | mg/L |
|  | Quarterly | Manganese | 0.68 | NA | mg/L |
|  | Quarterly | Nitrate | 0.059 | NA | mg/L |
|  | Quarterly | OC Pesticide | ND | NA | mg/L |
|  | Quarterly | pH | 8 | NA | pH units |
|  | Quarterly | Potassium | 69 | NA | mg/L |
|  | Quarterly | Sodium | 290 | NA | mg/L |
|  | Quarterly | Sulphate | 460 | NA | mg/L |
|  | Quarterly | Total Phenolics | 0.01 | NA | mg/L |
|  | Quarterly | Total Organic Carbon | 45 | NA | mg/L |
|  | Quarterly | Total Suspended Solids | 8 | NA | mg/L |
| **SW7** | Quarterly | Ammonia | ND | 7 | mg/L |
|  | Quarterly | Iron | 0.51 | 0.7 | mg/L |
|  | Quarterly | Nitrate | ND | 4.11 | mg/L |
|  | Annually | BOD | ND | 5.9 | mg/L |
|  | Annually | Barium | 0.028 | 0.1 | mg/L |
|  | Annually | Copper | ND | 0.1 | mg/L |
|  | Annually | Mercury | ND | 0.0005 | mg/L |
|  | Annually | Phosphorus | 0.04 | 1.4 | mg/L |
|  | Annually | Zinc | 0.006 | 0.12 | mg/L |
| **GW1** | Quarterly | Ammonia | 0.12 | 12.1 | mg/L |
|  | Quarterly | Fluoride | 0.18 | NA | mg/L |
|  | Quarterly | Iron | 3.4 | NA | mg/L |
|  | Quarterly | Manganese | 0.033 | NA | mg/L |
|  | Quarterly | Nitrate | 0.014 | NA | mg/L |
|  | Quarterly | pH | 5.5 | 5.5 - 7.8 | pH units |
|  | Quarterly | Potassium | 7.4 | 42 | mg/L |
|  | Quarterly | Total Organic Carbon | 34 | 45.5 | mg/L |
|  | Quarterly | EC | 200 | NA | µS/cm |
|  | Annually | Aluminium | **3.6** | 0.119 | mg/L |
|  | Annually | Arsenic | 0.002 | 0.005 | mg/L |
|  | Annually | Copper | 0.005 | 0.1 | mg/L |
|  | Annually | Mercury | ND | 0.0005 | mg/L |
| **GW2** | Quarterly | Ammonia | 0.06 | 12.1 | mg/L |
|  | Quarterly | Fluoride | 0.58 | NA | mg/L |
|  | Quarterly | Iron | 1.7 | NA | mg/L |
|  | Quarterly | Manganese | 1 | NA | mg/L |
|  | Quarterly | Nitrate | ND | NA | mg/L |
|  | Quarterly | pH | 6.8 | 5.5 - 7.8 | pH units |
|  | Quarterly | Potassium | **50** | 42 | mg/L |
|  | Quarterly | Total Organic Carbon | 18 | 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 |
| **GW3** | Quarterly | Ammonia | 1.3 | 12.1 | mg/L |
|  | Quarterly | Fluoride | 1.4 | NA | mg/L |
|  | Quarterly | Iron | 0.01 | NA | mg/L |
|  | Quarterly | Manganese | 1.1 | NA | mg/L |
|  | Quarterly | Nitrate | 0.17 | NA | mg/L |
|  | Quarterly | pH | 7.2 | 5.5 - 7.8 | pH units |
|  | Quarterly | Potassium | **47** | 42 | mg/L |
|  | Quarterly | Total Organic Carbon | 14 | 45.5 | mg/L |
|  | Quarterly | EC | 8600 | NA | µS/cm |
|  | Annually | Aluminium | 0.005 | 0.119 | mg/L |
|  | Annually | Arsenic | ND | 0.005 | mg/L |
|  | Annually | Copper | 0.003 | 0.1 | mg/L |
|  | Annually | Mercury | ND | 0.0005 | mg/L |
| **GW4** | Quarterly | Ammonia | 0.09 | 12.1 | mg/L |
|  | Quarterly | Fluoride | 0.39 | NA | mg/L |
|  | Quarterly | Iron | ND | NA | mg/L |
|  | Quarterly | Manganese | 0.82 | NA | mg/L |
|  | Quarterly | Nitrate | 0.11 | NA | mg/L |
|  | Quarterly | pH | 7.2 | 5.5 - 7.8 | pH units |
|  | Quarterly | Potassium | **43** | 42 | mg/L |
|  | Quarterly | Total Organic Carbon | 22 | 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 |
| **GW5** | Quarterly | Ammonia | 0.22 | 12.1 | mg/L |
|  | Quarterly | Fluoride | 0.55 | NA | mg/L |
|  | Quarterly | Iron | 0.008 | NA | mg/L |
|  | Quarterly | Manganese | 0.62 | NA | mg/L |
|  | Quarterly | Nitrate | ND | NA | mg/L |
|  | Quarterly | pH | 6.8 | 5.5 - 7.8 | pH units |
|  | Quarterly | Potassium | **44** | 42 | mg/L |
|  | Quarterly | Total Organic Carbon | 15 | 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 | 0.15 | 12.1 | mg/L |
|  | Quarterly | Fluoride | 0.7 | NA | mg/L |
|  | Quarterly | Iron | 0.015 | NA | mg/L |
|  | Quarterly | Manganese | 0.32 | NA | mg/L |
|  | Quarterly | Nitrate | 0.22 | NA | mg/L |
|  | Quarterly | pH | 7.3 | 5.5 - 7.8 | pH units |
|  | Quarterly | Potassium | 18 | 42 | mg/L |
|  | Quarterly | Total Organic Carbon | 13 | 45.5 | mg/L |
|  | Quarterly | EC | 8600 | 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 |