

<b>Sampled</b>	21/01/2020		Licensee:	Maitland City Council	
<b>Published</b>	5/02/2020		EPL #	6116	
<b>Obtained</b>	5/02/2019				
Sampling Point	Monitoring Frequency	Pollutant	Measurement	Limit	Unit
<b>SW1</b>	Quarterly	Ammonia	<0.005	7	mg/L
	Quarterly	Iron	0.61	0.7	mg/L
	Quarterly	Nitrate	<0.005	4.11	mg/L
	Annually	BOD	8	5.9	mg/L
	Annually	Barium	0.098	0.1	mg/L
	Annually	Copper	0.001	0.1	mg/L
	Annually	Mercury	<0.00005	0.0005	mg/L
	Annually	Phosphorus	0.5	1.4	mg/L
	Annually	Zinc	0.05	0.12	mg/L
<b>SW2</b>	Event	Alkalinity (as calcium)		NA	mg/L
	Quarterly	Ammonia	0.025	7	mg/L
	Annually	BOD	2	NA	mg/L
	Event	Calcium		NA	mg/L
	Event	Chloride		NA	mg/L
	Event	EC (µS/cm)		NA	µS/cm
	Event	Fluoride		NA	mg/L
	Quarterly	Iron	0.03	0.7	mg/L
	Event	Magnesium		NA	mg/L
	Event	Manganese		1.9	mg/L
	Quarterly	Nitrate	<0.005	4.11	mg/L
	Event	OC Pesticide		0.00001	mg/L
	Event	pH (pH units)		5.5-7.8	pH
	Event	Potassium		42	mg/L
	Event	Sodium		NA	mg/L
	Event	Sulphate		NA	mg/L
	Event	Total Phenolics		NA	mg/L
	Event	Total Organic Carbon		45.5	mg/L
	Event	Total Suspended Solids		NA	mg/L
	Annually	Barium	0.038	0.1	mg/L
	Annually	Copper	<0.001	0.1	mg/L
	Annually	Mercury	<0.00005	0.0005	mg/L
	Annually	Phosphorous	<0.05	1.4	mg/L
Annually	Zinc	0.007	0.12	mg/L	
<b>SW3</b>	Quarterly	Alkalinity (as calcium)	270	NA	mg/L
	Quarterly	Ammonia	0.052	7	mg/L
	Quarterly	BOD	17	NA	mg/L
	Quarterly	Calcium	49	NA	mg/L
	Quarterly	Chloride	430	NA	mg/L
	Quarterly	EC	3600	NA	µS/cm
	Quarterly	Fluoride	1	NA	mg/L
	Quarterly	Iron	0.01	0.7	mg/L
	Quarterly	Magnesium	88	NA	mg/L

	Quarterly	Manganese	<0.005	1.9	mg/L
	Quarterly	Nitrate	<0.005	4.11	mg/L
	Quarterly	OC Pesticide	<0.2	0.00001	mg/L
	Quarterly	pH	9.4	5.5-7.8	pH units
	Quarterly	Potassium	67	42	mg/L
	Quarterly	Sodium	580	NA	mg/L
	Quarterly	Sulphate	660	NA	mg/L
	Quarterly	Total Phenolics	<0.05	NA	mg/L
	Quarterly	Total Organic Carbon	32	45.5	mg/L
	Quarterly	Total Suspended Solids	54	NA	mg/L
<b>GW1</b>	Quarterly	Ammonia	0.57	12.1	mg/L
	Quarterly	Fluoride	0.3	NA	mg/L
	Quarterly	Iron	3.1	NA	mg/L
	Quarterly	Manganese	0.37	NA	mg/L
	Quarterly	Nitrate	0.009	NA	mg/L
	Quarterly	pH	6.3	5.5 - 7.8	pH units
	Quarterly	Potassium	14	42	mg/L
	Quarterly	Total Organic Carbon	20	45.5	mg/L
	Quarterly	EC	2320	NA	µS/cm
	Annually	Aluminium	0.29	0.119	mg/L
	Annually	Arsenic	<0.001	0.005	mg/L
	Annually	Copper	<0.001	0.1	mg/L
	Annually	Mercury	<0.00005	0.0005	mg/L
	<b>GW2</b>	Quarterly	Ammonia	1	12.1
Quarterly		Fluoride	1.1	NA	mg/L
Quarterly		Iron	4.6	NA	mg/L
Quarterly		Manganese	1.1	NA	mg/L
Quarterly		Nitrate	0.061	NA	mg/L
Quarterly		pH	6.5	5.5 - 7.8	pH units
Quarterly		Potassium	41	42	mg/L
Quarterly		Total Organic Carbon	9	45.5	mg/L
Quarterly		EC	8580	NA	µS/cm
Annually		Aluminium	0.01	0.119	mg/L
Annually		Arsenic	<0.001	0.005	mg/L
Annually		Copper	<0.001	0.1	mg/L
Annually		Mercury	<0.00005	0.0005	mg/L
<b>GW3</b>		Quarterly	Ammonia	1.1	12.1
	Quarterly	Fluoride	1.4	NA	mg/L
	Quarterly	Iron	6.7	NA	mg/L
	Quarterly	Manganese	1	NA	mg/L
	Quarterly	Nitrate	<0.005	NA	mg/L
	Quarterly	pH	6.5	5.5 - 7.8	pH units
	Quarterly	Potassium	38	42	mg/L
	Quarterly	Total Organic Carbon	6	45.5	mg/L
	Quarterly	EC	7190	NA	µS/cm
	Annually	Aluminium	0.04	0.119	mg/L
	Annually	Arsenic	0.001	0.005	mg/L
	Annually	Copper	<0.001	0.1	mg/L

	Annually	Mercury	<0.00005	0.0005	mg/L
<b>GW4</b>	Quarterly	Ammonia	0.11	12.1	mg/L
	Quarterly	Fluoride	0.7	NA	mg/L
	Quarterly	Iron	0.36	NA	mg/L
	Quarterly	Manganese	0.9	NA	mg/L
	Quarterly	Nitrate	0.03	NA	mg/L
	Quarterly	pH	6.7	5.5 - 7.8	pH units
	Quarterly	Potassium	38	42	mg/L
	Quarterly	Total Organic Carbon	7	45.5	mg/L
	Quarterly	EC	8250	NA	µS/cm
	Annually	Aluminium	<0.01	0.119	mg/L
	Annually	Arsenic	<0.001	0.005	mg/L
	Annually	Copper	<0.001	0.1	mg/L
	Annually	Mercury	<0.00005	0.0005	mg/L
	<b>GW5</b>	Quarterly	Ammonia	1.5	12.1
Quarterly		Fluoride	0.5	NA	mg/L
Quarterly		Iron	21	NA	mg/L
Quarterly		Manganese	0.49	NA	mg/L
Quarterly		Nitrate	<0.005	NA	mg/L
Quarterly		pH	6.6	5.5 - 7.8	pH units
Quarterly		Potassium	35	42	mg/L
Quarterly		Total Organic Carbon	4	45.5	mg/L
Quarterly		EC	11200	NA	µS/cm
Annually		Aluminium	0.01	0.119	mg/L
Annually		Arsenic	0.016	0.005	mg/L
Annually		Copper	<0.001	0.1	mg/L
Annually		Mercury	<0.00005	0.0005	mg/L