

Sampled	9/07/2019		Licensee:	Maitland City Council	
Published	23/07/2019		EPL #	6116	
Obtained	23/07/2019				
Sampling Point	Monitoring Frequency	Pollutant	Measurement	Limit	Unit
SW1	Quarterly	Ammonia	0.02	7	mg/L
	Quarterly	Iron	0.23	0.7	mg/L
	Quarterly	Nitrate	<0.005	4.11	mg/L
	Annually	BOD		5.9	mg/L
	Annually	Barium		0.1	mg/L
	Annually	Copper		0.1	mg/L
	Annually	Mercury		0.0005	mg/L
	Annually	Phosphorus		1.4	mg/L
	Annually	Zinc		0.12	mg/L
SW2	Event	Alkalinity (as calcium)		NA	mg/L
	Quarterly	Ammonia	0.089	7	mg/L
	Annually	BOD		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	0.04	0.7	mg/L
	Event	Magnesium		NA	mg/L
	Event	Manganese		1.9	mg/L
	Quarterly	Nitrate	0.43	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		0.1	mg/L
	Annually	Copper		0.1	mg/L
	Annually	Mercury		0.0005	mg/L
	Annually	Phosphorous		1.4	mg/L
Annually	Zinc		0.12	mg/L	
SW3	Quarterly	Alkalinity (as calcium)	250	NA	mg/L
	Quarterly	Ammonia	0.51	7	mg/L
	Quarterly	BOD	2	NA	mg/L
	Quarterly	Calcium	86	NA	mg/L
	Quarterly	Chloride	260	NA	mg/L

	Quarterly	EC	1800	NA	µS/cm
	Quarterly	Fluoride	0.8	NA	mg/L
	Quarterly	Iron	0.02	0.7	mg/L
	Quarterly	Magnesium	60	NA	mg/L
	Quarterly	Manganese	0.052	1.9	mg/L
	Quarterly	Nitrate	1.9	4.11	mg/L
	Quarterly	OC Pesticide	<0.2	0.00001	mg/L
	Quarterly	pH	7.9	5.5-7.8	pH units
	Quarterly	Potassium	43	42	mg/L
	Quarterly	Sodium	300	NA	mg/L
	Quarterly	Sulphate	470	NA	mg/L
	Quarterly	Total Phenolics	<0.05	NA	mg/L
	Quarterly	Total Organic Carbon	14	45.5	mg/L
	Quarterly	Total Suspended Solids	4	NA	mg/L
GW1	Quarterly	Ammonia	0.52	12.1	mg/L
	Quarterly	Fluoride	0.4	NA	mg/L
	Quarterly	Iron	2.8	NA	mg/L
	Quarterly	Manganese	0.16	NA	mg/L
	Quarterly	Nitrate	<0.025	NA	mg/L
	Quarterly	pH	6.4	5.5 - 7.8	pH units
	Quarterly	Potassium	16	42	mg/L
	Quarterly	Total Organic Carbon	50	45.5	mg/L
	Quarterly	EC	2170	NA	µS/cm
	Annually	Aluminium		0.119	mg/L
	Annually	Arsenic		0.005	mg/L
	Annually	Copper		0.1	mg/L
	Annually	Mercury		0.0005	mg/L
	GW2	Quarterly	Ammonia	0.81	12.1
Quarterly		Fluoride	1	NA	mg/L
Quarterly		Iron	1.4	NA	mg/L
Quarterly		Manganese	0.87	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	10	45.5	mg/L
Quarterly		EC	8200	NA	µS/cm
Annually		Aluminium		0.119	mg/L
Annually		Arsenic		0.005	mg/L
Annually		Copper		0.1	mg/L
Annually		Mercury		0.0005	mg/L
GW3		Quarterly	Ammonia	2.1	12.1
	Quarterly	Fluoride	1.4	NA	mg/L
	Quarterly	Iron	7.4	NA	mg/L

	Quarterly	Manganese	1.4	NA	mg/L
	Quarterly	Nitrate	0.006	NA	mg/L
	Quarterly	pH	6.6	5.5 - 7.8	pH units
	Quarterly	Potassium	38	42	mg/L
	Quarterly	Total Organic Carbon	7	45.5	mg/L
	Quarterly	EC	6930	NA	µS/cm
	Annually	Aluminium		0.119	mg/L
	Annually	Arsenic		0.005	mg/L
	Annually	Copper		0.1	mg/L
	Annually	Mercury		0.0005	mg/L
GW4	Quarterly	Ammonia	0.039	12.1	mg/L
	Quarterly	Fluoride	0.8	NA	mg/L
	Quarterly	Iron	0.76	NA	mg/L
	Quarterly	Manganese	0.86	NA	mg/L
	Quarterly	Nitrate	0.34	NA	mg/L
	Quarterly	pH	6.8	5.5 - 7.8	pH units
	Quarterly	Potassium	33	42	mg/L
	Quarterly	Total Organic Carbon	7	45.5	mg/L
	Quarterly	EC	6720	NA	µS/cm
	Annually	Aluminium		0.119	mg/L
	Annually	Arsenic		0.005	mg/L
	Annually	Copper		0.1	mg/L
	Annually	Mercury		0.0005	mg/L
	GW5	Quarterly	Ammonia	0.45	12.1
Quarterly		Fluoride	0.5	NA	mg/L
Quarterly		Iron	14	NA	mg/L
Quarterly		Manganese	1	NA	mg/L
Quarterly		Nitrate	<0.005	NA	mg/L
Quarterly		pH	6.4	5.5 - 7.8	pH units
Quarterly		Potassium	36	42	mg/L
Quarterly		Total Organic Carbon	8	45.5	mg/L
Quarterly		EC	8750	NA	µS/cm
Annually		Aluminium		0.119	mg/L
Annually		Arsenic		0.005	mg/L
Annually		Copper		0.1	mg/L
Annually		Mercury		0.0005	mg/L