

Sampled	15/04/2020		Licensee:	Maitland City Council	
Published	28/04/2020		EPL #	6116	
Obtained	28/04/2020				
Sampling Point	Monitoring Frequency	Pollutant	Measurement	Limit	Unit
SW1	Quarterly	Ammonia	<0.005	7	mg/L
	Quarterly	Iron	0.11	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	0.2	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	0.24	0.7	mg/L
	Event	Magnesium		NA	mg/L
	Event	Manganese		1.9	mg/L
	Quarterly	Nitrate	0.007	4.11	mg/L
	Event	OC Pesticide		0.1	ug/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)	260	NA	mg/L
	Quarterly	Ammonia	0.31	7	mg/L
	Quarterly	BOD	<5	NA	mg/L
	Quarterly	Calcium	70	NA	mg/L
	Quarterly	Chloride	190	NA	mg/L
	Quarterly	EC	1830	NA	µS/cm
	Quarterly	Fluoride	0.8	NA	mg/L

	Quarterly	Iron	0.02	0.7	mg/L
	Quarterly	Magnesium	43	NA	mg/L
	Quarterly	Manganese	0.008	1.9	mg/L
	Quarterly	Nitrate	0.48	4.11	mg/L
	Quarterly	OC Pesticide	<0.2	0.1	ug/L
	Quarterly	pH	8.6	5.5-7.8	pH units
	Quarterly	Potassium	39	42	mg/L
	Quarterly	Sodium	230	NA	mg/L
	Quarterly	Sulphate	300	NA	mg/L
	Quarterly	Total Phenolics	<0.1	NA	mg/L
	Quarterly	Total Organic Carbon	24	45.5	mg/L
	Quarterly	Total Suspended Solids	15	NA	mg/L
GW1	Quarterly	Ammonia	0.11	12.1	mg/L
	Quarterly	Fluoride	0.2	NA	mg/L
	Quarterly	Iron	1.1	NA	mg/L
	Quarterly	Manganese	0.16	NA	mg/L
	Quarterly	Nitrate	0.059	NA	mg/L
	Quarterly	pH	5.8	5.5 - 7.8	pH units
	Quarterly	Potassium	14	42	mg/L
	Quarterly	Total Organic Carbon	30	45.5	mg/L
	Quarterly	EC	698	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	<0.005	12.1
Quarterly		Fluoride	0.8	NA	mg/L
Quarterly		Iron	0.16	NA	mg/L
Quarterly		Manganese	0.91	NA	mg/L
Quarterly		Nitrate	0.29	NA	mg/L
Quarterly		pH	6.6	5.5 - 7.8	pH units
Quarterly		Potassium	30	42	mg/L
Quarterly		Total Organic Carbon	9	45.5	mg/L
Quarterly		EC	8670	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	3.8	12.1
	Quarterly	Fluoride	1.4	NA	mg/L
	Quarterly	Iron	3.7	NA	mg/L
	Quarterly	Manganese	1.5	NA	mg/L
	Quarterly	Nitrate	<0.005	NA	mg/L

	Quarterly	pH	6.6	5.5 - 7.8	pH units
	Quarterly	Potassium	33	42	mg/L
	Quarterly	Total Organic Carbon	6	45.5	mg/L
	Quarterly	EC	7750	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	0.18	12.1	mg/L
	Quarterly	Fluoride	0.8	NA	mg/L
	Quarterly	Iron	3.5	NA	mg/L
	Quarterly	Manganese	0.92	NA	mg/L
	Quarterly	Nitrate	0.02	NA	mg/L
	Quarterly	pH	6.7	5.5 - 7.8	pH units
	Quarterly	Potassium	29	42	mg/L
	Quarterly	Total Organic Carbon	7	45.5	mg/L
	Quarterly	EC	7630	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	0.82	12.1
Quarterly		Fluoride	0.5	NA	mg/L
Quarterly		Iron	19	NA	mg/L
Quarterly		Manganese	0.83	NA	mg/L
Quarterly		Nitrate	<0.005	NA	mg/L
Quarterly		pH	6.5	5.5 - 7.8	pH units
Quarterly		Potassium	28	42	mg/L
Quarterly		Total Organic Carbon	8	45.5	mg/L
Quarterly		EC	8900	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