

Sampled	1/10/2019		Licensee:	Maitland City Council	
Published	14/10/2019		EPL #	6116	
Obtained	14/10/2019				
Sampling Point	Monitoring Frequency	Pollutant	Measurement	Limit	Unit
SW1	Quarterly	Ammonia	<0.005	7	mg/L
	Quarterly	Iron	0.09	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	0.049	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	0.08	0.7	mg/L
	Event	Magnesium		NA	mg/L
	Event	Manganese		1.9	mg/L
	Quarterly	Nitrate	0.22	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	0.41	7	mg/L
	Quarterly	BOD	6	NA	mg/L
	Quarterly	Calcium	84	NA	mg/L
	Quarterly	Chloride	260	NA	mg/L
	Quarterly	EC	2280	NA	µS/cm
	Quarterly	Fluoride	0.8	NA	mg/L
	Quarterly	Iron	0.01	0.7	mg/L
	Quarterly	Magnesium	61	NA	mg/L

	Quarterly	Manganese	0.037	1.9	mg/L
	Quarterly	Nitrate	2.3	4.11	mg/L
	Quarterly	OC Pesticide	<0.2	0.00001	mg/L
	Quarterly	pH	8.2	5.5-7.8	pH units
	Quarterly	Potassium	39	42	mg/L
	Quarterly	Sodium	280	NA	mg/L
	Quarterly	Sulphate	480	NA	mg/L
	Quarterly	Total Phenolics	<0.1	NA	mg/L
	Quarterly	Total Organic Carbon	29	45.5	mg/L
	Quarterly	Total Suspended Solids	3	NA	mg/L
GW1	Quarterly	Ammonia	0.21	12.1	mg/L
	Quarterly	Fluoride	0.2	NA	mg/L
	Quarterly	Iron	1.6	NA	mg/L
	Quarterly	Manganese	0.18	NA	mg/L
	Quarterly	Nitrate	<0.005	NA	mg/L
	Quarterly	pH	6	5.5 - 7.8	pH units
	Quarterly	Potassium	9.6	42	mg/L
	Quarterly	Total Organic Carbon	45	45.5	mg/L
	Quarterly	EC	1150	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	0.68	12.1
Quarterly		Fluoride	1	NA	mg/L
Quarterly		Iron	3.9	NA	mg/L
Quarterly		Manganese	1.2	NA	mg/L
Quarterly		Nitrate	<0.005	NA	mg/L
Quarterly		pH	6.6	5.5 - 7.8	pH units
Quarterly		Potassium	32	42	mg/L
Quarterly		Total Organic Carbon	16	45.5	mg/L
Quarterly		EC	8760	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	1.1	12.1
	Quarterly	Fluoride	1.2	NA	mg/L
	Quarterly	Iron	4	NA	mg/L
	Quarterly	Manganese	1.3	NA	mg/L
	Quarterly	Nitrate	0.096	NA	mg/L
	Quarterly	pH	6.7	5.5 - 7.8	pH units
	Quarterly	Potassium	31	42	mg/L
	Quarterly	Total Organic Carbon	13	45.5	mg/L
	Quarterly	EC	7930	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	<0.005	12.1	mg/L
	Quarterly	Fluoride	0.8	NA	mg/L
	Quarterly	Iron	0.26	NA	mg/L
	Quarterly	Manganese	0.84	NA	mg/L
	Quarterly	Nitrate	0.35	NA	mg/L
	Quarterly	pH	6.9	5.5 - 7.8	pH units
	Quarterly	Potassium	29	42	mg/L
	Quarterly	Total Organic Carbon	11	45.5	mg/L
	Quarterly	EC	7960	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	0.75	12.1
Quarterly		Fluoride	0.6	NA	mg/L
Quarterly		Iron	17	NA	mg/L
Quarterly		Manganese	0.69	NA	mg/L
Quarterly		Nitrate	<0.005	NA	mg/L
Quarterly		pH	6.6	5.5 - 7.8	pH units
Quarterly		Potassium	27	42	mg/L
Quarterly		Total Organic Carbon	9	45.5	mg/L
Quarterly		EC	10400	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