

Sampled	30/10/2018	Licensee:	Maitland City Council
Published	19/11/2018	EPL #	6116
Obtained	9/11/2018		

Sampling Point	Monitoring Frequency	Pollutant	Measurement	Limit	Unit
SW1	Quarterly	Ammonia	<0.005	7	mg/L
	Quarterly	Iron	0.44	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	Annually	Alkalinity calcium) (as	–	NA	mg/L
	Quarterly	Ammonia	–	7	mg/L
	Annually	BOD	0.012	NA	mg/L
	Annually	Calcium	–	NA	mg/L
	Annually	Chloride	–	NA	mg/L
	Annually	EC (µS/cm)	–	NA	µS/cm
	Annually	Fluoride	–	NA	mg/L
	Quarterly	Iron	0.11	0.7	mg/L
	Annually	Magnesium	–	NA	mg/L
	Annually	Manganese	–	1.9	mg/L
	Quarterly	Nitrate	0.03	4.11	mg/L
	Annually	OC Pesticide	–	0.00001	mg/L
	Annually	pH (pH units)	–	5.5-7.8	pH
	Annually	Potassium	–	42	mg/L
	Annually	Sodium	–	NA	mg/L
	Annually	Sulphate	–	NA	mg/L
	Annually	Total Phenolics	–	NA	mg/L
	Annually	Total Organic Carbon	–	45.5	mg/L
	Annually	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)	280	NA	mg/L
	Quarterly	Ammonia	0.72	7	mg/L
	Quarterly	BOD	<5	NA	mg/L
	Quarterly	Calcium	89	NA	mg/L
	Quarterly	Chloride	270	NA	mg/L
	Quarterly	EC	2430	NA	µS/cm
	Quarterly	Fluoride	0.9	NA	mg/L
	Quarterly	Iron	0.02	0.7	mg/L
	Quarterly	Magnesium	59	NA	mg/L
	Quarterly	Manganese	0.072	1.9	mg/L
	Quarterly	Nitrate	1.9	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	50	42	mg/L
	Quarterly	Sodium	330	NA	mg/L
	Quarterly	Sulphate	510	NA	mg/L
	Quarterly	Total Phenolics	<0.1	NA	mg/L
	Quarterly	Total Organic Carbon	24	45.5	mg/L
	Quarterly	Total Suspended Solids	3	NA	mg/L
	GW1	Quarterly	Ammonia	0.81	12.1
Quarterly		Fluoride	0.5	NA	mg/L
Quarterly		Iron	13	NA	mg/L
Quarterly		Manganese	1.6	NA	mg/L
Quarterly		Nitrate	<0.005	NA	mg/L
Quarterly		pH	6.6	5.5 - 7.8	pH units
Quarterly		Potassium	26	42	mg/L
Quarterly		Total Organic Carbon	19	45.5	mg/L
Quarterly		EC	4930	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	0.6	NA	mg/L
	Quarterly	Iron	0.02	NA	mg/L
	Quarterly	Manganese	2	NA	mg/L
	Quarterly	Nitrate	0.03	NA	mg/L
	Quarterly	pH	6.6	5.5 - 7.8	pH units
	Quarterly	Potassium	39	42	mg/L

	Quarterly	Total Organic Carbon	11	45.5	mg/L
	Quarterly	EC	9880	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	0.41	12.1	mg/L
	Quarterly	Fluoride	1.9	NA	mg/L
	Quarterly	Iron	4	NA	mg/L
	Quarterly	Manganese	0.89	NA	mg/L
	Quarterly	Nitrate	<0.005	NA	mg/L
	Quarterly	pH	6.5	5.5 - 7.8	pH units
	Quarterly	Potassium	32	42	mg/L
	Quarterly	Total Organic Carbon	10	45.5	mg/L
	Quarterly	EC	6070	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	0.39	12.1
Quarterly		Fluoride	0.8	NA	mg/L
Quarterly		Iron	8.1	NA	mg/L
Quarterly		Manganese	0.85	NA	mg/L
Quarterly		Nitrate	<0.005	NA	mg/L
Quarterly		pH	6.8	5.5 - 7.8	pH units
Quarterly		Potassium	35	42	mg/L
Quarterly		Total Organic Carbon	10	45.5	mg/L
Quarterly		EC	7980	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	0.39	12.1
	Quarterly	Fluoride	0.5	NA	mg/L
	Quarterly	Iron	15	NA	mg/L
	Quarterly	Manganese	0.96	NA	mg/L
	Quarterly	Nitrate	0.006	NA	mg/L
	Quarterly	pH	6.5	5.5 - 7.8	pH units
	Quarterly	Potassium	38	42	mg/L
	Quarterly	Total Organic Carbon	11	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