

Sampled	5/07/2018	Licensee:	Maitland City Council		
Published	2/10/2018	EPL #	6116		
Obtained	21/07/2018				
Sampling Point	Monitoring Frequency	Pollutant	Measurement	Limit	Unit
SW1	Quarterly	Ammonia	0.19	7	mg/L
	Quarterly	Iron	0.16	0.7	mg/L
	Quarterly	Nitrate	ND	4.11	mg/L
	Annually	BOD	ND	5.9	mg/L
	Annually	Barium	0.032	0.1	mg/L
	Annually	Copper	0.001	0.1	mg/L
	Annually	Mercury	ND	0.0005	mg/L
	Annually	Phosphorus	0.26	1.4	mg/L
	Annually	Zinc	0.007	0.12	mg/L
SW2	Annually	Alkalinity (as calcium)	170	NA	mg/L
	Quarterly	Ammonia	0.51	7	mg/L
	Annually	BOD	ND	NA	mg/L
	Annually	Calcium	69	NA	mg/L
	Annually	Chloride	190	NA	mg/L
	Annually	EC (μ S/cm)	1600	NA	μ S/cm
	Annually	Fluoride	1	NA	mg/L
	Quarterly	Iron	1.3	0.7	mg/L
	Annually	Magnesium	37	NA	mg/L
	Annually	Manganese	0.12	1.9	mg/L
	Quarterly	Nitrate	1.1	4.11	mg/L
	Annually	OC Pesticide	ND	0.00001	mg/L
	Annually	pH (pH units)	7.9	5.5-7.8	pH
	Annually	Potassium	40	42	mg/L
	Annually	Sodium	210	NA	mg/L
	Annually	Sulphate	370	NA	mg/L
	Annually	Total Phenolics	ND	NA	mg/L
	Annually	Total Organic Carbon	20	45.5	mg/L
	Annually	Total Suspended Solids	ND	NA	mg/L
	Annually	Barium	0.13	0.1	mg/L
	Annually	Copper	0.016	0.1	mg/L
	Annually	Mercury	ND	0.0005	mg/L
	Annually	Phosphorous	0.06	1.4	mg/L
Annually	Zinc	0.032	0.12	mg/L	

SW3	Quarterly	Alkalinity (as calcium)	310	NA	mg/L
	Quarterly	Ammonia	5.1	7	mg/L
	Quarterly	BOD	7	NA	mg/L
	Quarterly	Calcium	83	NA	mg/L
	Quarterly	Chloride	220	NA	mg/L
	Quarterly	EC	1900	NA	µS/cm
	Quarterly	Fluoride	0.82	NA	mg/L
	Quarterly	Iron	0.057	0.7	mg/L
	Quarterly	Magnesium	44	NA	mg/L
	Quarterly	Manganese	0.059	1.9	mg/L
	Quarterly	Nitrate	2.1	4.11	mg/L
	Quarterly	OC Pesticide	ND	0.00001	mg/L
	Quarterly	pH	8	5.5-7.8	pH units
	Quarterly	Potassium	58	42	mg/L
	Quarterly	Sodium	230	NA	mg/L
	Quarterly	Sulphate	370	NA	mg/L
	Quarterly	Total Phenolics	ND	NA	mg/L
	Quarterly	Total Organic Carbon	25	45.5	mg/L
Quarterly	Total Suspended Solids	ND	NA	mg/L	
GW1	Quarterly	Ammonia	0.13	12.1	mg/L
	Quarterly	Fluoride	0.19	NA	mg/L
	Quarterly	Iron	2.9	NA	mg/L
	Quarterly	Manganese	0.034	NA	mg/L
	Quarterly	Nitrate	0.037	NA	mg/L
	Quarterly	pH	5.4	5.5 - 7.8	pH units
	Quarterly	Potassium	9.9	42	mg/L
	Quarterly	Total Organic Carbon	31	45.5	mg/L
	Quarterly	EC	250	NA	µS/cm
	Annually	Aluminium	3.9	0.119	mg/L
	Annually	Arsenic	0.002	0.005	mg/L
	Annually	Copper	0.005	0.1	mg/L
	Annually	Mercury	ND	0.0005	mg/L
	GW2	Quarterly	Ammonia	0.07	12.1
Quarterly		Fluoride	0.59	NA	mg/L
Quarterly		Iron	ND	NA	mg/L
Quarterly		Manganese	3.3	NA	mg/L

	Quarterly	Nitrate	ND	NA	mg/L
	Quarterly	pH	7	5.5 - 7.8	pH units
	Quarterly	Potassium	48	42	mg/L
	Quarterly	Total Organic Carbon	11	45.5	mg/L
	Quarterly	EC	11000	NA	µS/cm
	Annually	Aluminium	0.008	0.119	mg/L
	Annually	Arsenic	ND	0.005	mg/L
	Annually	Copper	0.002	0.1	mg/L
	Annually	Mercury	ND	0.0005	mg/L
GW3	Quarterly	Ammonia	2.8	12.1	mg/L
	Quarterly	Fluoride	1.3	NA	mg/L
	Quarterly	Iron	0.007	NA	mg/L
	Quarterly	Manganese	1.3	NA	mg/L
	Quarterly	Nitrate	ND	NA	mg/L
	Quarterly	pH	7.1	5.5 - 7.8	pH units
	Quarterly	Potassium	47	42	mg/L
	Quarterly	Total Organic Carbon	6.2	45.5	mg/L
	Quarterly	EC	8700	NA	µS/cm
	Annually	Aluminium	ND	0.119	mg/L
	Annually	Arsenic	ND	0.005	mg/L
	Annually	Copper	ND	0.1	mg/L
	Annually	Mercury	ND	0.0005	mg/L
GW4	Quarterly	Ammonia	0.57	12.1	mg/L
	Quarterly	Fluoride	0.69	NA	mg/L
	Quarterly	Iron	0.009	NA	mg/L
	Quarterly	Manganese	0.93	NA	mg/L
	Quarterly	Nitrate	ND	NA	mg/L
	Quarterly	pH	6.9	5.5 - 7.8	pH units
	Quarterly	Potassium	44	42	mg/L
	Quarterly	Total Organic Carbon	8.4	45.5	mg/L
	Quarterly	EC	8300	NA	µS/cm
	Annually	Aluminium	ND	0.119	mg/L
	Annually	Arsenic	ND	0.005	mg/L
	Annually	Copper	ND	0.1	mg/L
	Annually	Mercury	ND	0.0005	mg/L
GW5	Quarterly	Ammonia	1	12.1	mg/L
	Quarterly	Fluoride	0.55	NA	mg/L
	Quarterly	Iron	0.006	NA	mg/L

Quarterly	Manganese	0.54	NA	mg/L
Quarterly	Nitrate	ND	NA	mg/L
Quarterly	pH	6.8	5.5 - 7.8	pH units
Quarterly	Potassium	43	42	mg/L
Quarterly	Total Organic Carbon	6	45.5	mg/L
Quarterly	EC	11000	NA	µS/cm
Annually	Aluminium	ND	0.119	mg/L
Annually	Arsenic	ND	0.005	mg/L
Annually	Copper	ND	0.1	mg/L
Annually	Mercury	ND	0.0005	mg/L