

Sampled	16/04/2019		Licensee:	Maitland City Council	
Published	3/05/2019		EPL #	6116	
Obtained	1/05/2019				
Sampling Point	Monitoring Frequency	Pollutant	Measurement	Limit	Unit
SW1	Quarterly	Ammonia	<0.005	7	mg/L
	Quarterly	Iron	0.26	0.7	mg/L
	Quarterly	Nitrate	<0.05	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	<0.005	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	0.28	0.7	mg/L
	Event	Magnesium		NA	mg/L
	Event	Manganese		1.9	mg/L
	Quarterly	Nitrate	<0.005	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)	200	NA	mg/L
	Quarterly	Ammonia	0.56	7	mg/L
	Quarterly	BOD	<2	NA	mg/L
	Quarterly	Calcium	54	NA	mg/L
	Quarterly	Chloride	190	NA	mg/L
	Quarterly	EC	1590	NA	µS/cm
	Quarterly	Fluoride	0.7	NA	mg/L
	Quarterly	Iron	0.03	0.7	mg/L
	Quarterly	Magnesium	36	NA	mg/L

	Quarterly	Manganese	0.028	1.9	mg/L
	Quarterly	Nitrate	0.18	4.11	mg/L
	Quarterly	OC Pesticide	<0.2	0.00001	mg/L
	Quarterly	pH	7.8	5.5-7.8	pH units
	Quarterly	Potassium	39	42	mg/L
	Quarterly	Sodium	270	NA	mg/L
	Quarterly	Sulphate	300	NA	mg/L
	Quarterly	Total Phenolics	<0.05	NA	mg/L
	Quarterly	Total Organic Carbon	25	45.5	mg/L
	Quarterly	Total Suspended Solids	14	NA	mg/L
GW1	Quarterly	Ammonia	0.19	12.1	mg/L
	Quarterly	Fluoride	0.2	NA	mg/L
	Quarterly	Iron	1.9	NA	mg/L
	Quarterly	Manganese	0.02	NA	mg/L
	Quarterly	Nitrate	<0.005	NA	mg/L
	Quarterly	pH	5.4	5.5 - 7.8	pH units
	Quarterly	Potassium	5.7	42	mg/L
	Quarterly	Total Organic Carbon	58	45.5	mg/L
	Quarterly	EC	202	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	<0.01	NA	mg/L
Quarterly		Manganese	0.55	NA	mg/L
Quarterly		Nitrate	0.05	NA	mg/L
Quarterly		pH	6.6	5.5 - 7.8	pH units
Quarterly		Potassium	40	42	mg/L
Quarterly		Total Organic Carbon	14	45.5	mg/L
Quarterly		EC	9200	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	0.65	12.1
	Quarterly	Fluoride	1.8	NA	mg/L
	Quarterly	Iron	3.7	NA	mg/L
	Quarterly	Manganese	0.95	NA	mg/L
	Quarterly	Nitrate	0.092	NA	mg/L
	Quarterly	pH	6.7	5.5 - 7.8	pH units
	Quarterly	Potassium	31	42	mg/L
	Quarterly	Total Organic Carbon	15	45.5	mg/L
	Quarterly	EC	5460	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	0.46	12.1	mg/L
	Quarterly	Fluoride	0.7	NA	mg/L
	Quarterly	Iron	9.6	NA	mg/L
	Quarterly	Manganese	0.88	NA	mg/L
	Quarterly	Nitrate	<0.005	NA	mg/L
	Quarterly	pH	6.7	5.5 - 7.8	pH units
	Quarterly	Potassium	35	42	mg/L
	Quarterly	Total Organic Carbon	11	45.5	mg/L
	Quarterly	EC	7330	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	0.72	12.1
Quarterly		Fluoride	0.5	NA	mg/L
Quarterly		Iron	18	NA	mg/L
Quarterly		Manganese	0.85	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	15	45.5	mg/L
Quarterly		EC	9450	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