

Sampled	5/07/2022		Licensee:	Maitland City Council	
Published	20/07/2022		EPL #	6116	
Obtained	18/07/2022				
Sampling Point	Monitoring Frequency	Pollutant	Measurement	Limit	Unit
SW1	Quarterly	Ammonia	0.02	7	mg/L
	Quarterly	Iron	0.41	0.7	mg/L
	Quarterly	Nitrate	0.16	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	0.54	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	0.14	0.7	mg/L
	Event	Magnesium		NA	mg/L
	Event	Manganese		1.9	mg/L
	Quarterly	Nitrate	0.68	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)	93	NA	mg/L
	Quarterly	Ammonia	0.51	7	mg/L
	Quarterly	BOD	<5	NA	mg/L
	Quarterly	Calcium	29	NA	mg/L
	Quarterly	Chloride	42	NA	mg/L
	Quarterly	EC	582	NA	µS/cm
	Quarterly	Fluoride	0.4	NA	mg/L
	Quarterly	Iron	0.06	0.7	mg/L
	Quarterly	Magnesium	13	NA	mg/L

	Quarterly	Manganese	0.065	1.9	mg/L
	Quarterly	Nitrate	0.77	4.11	mg/L
	Quarterly	OC Pesticide	<0.2	0.1	ug/L
	Quarterly	pH	7.5	5.5-7.8	pH units
	Quarterly	Potassium	13	42	mg/L
	Quarterly	Sodium	49	NA	mg/L
	Quarterly	Sulphate	100	NA	mg/L
	Quarterly	Total Phenolics	<0.05	NA	mg/L
	Quarterly	Total Organic Carbon	9	45.5	mg/L
	Quarterly	Total Suspended Solids	84	NA	mg/L
GW1	Quarterly	Ammonia	0.027	12.1	mg/L
	Quarterly	Fluoride	0.2	NA	mg/L
	Quarterly	Iron	1.8	NA	mg/L
	Quarterly	Manganese	0.028	NA	mg/L
	Quarterly	Nitrate	<0.005	NA	mg/L
	Quarterly	pH	5.9	5.5 - 7.8	pH units
	Quarterly	Potassium	5	42	mg/L
	Quarterly	Total Organic Carbon	29	45.5	mg/L
	Quarterly	EC	164	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	0.22	12.1
Quarterly		Fluoride	0.6	NA	mg/L
Quarterly		Iron	4.3	NA	mg/L
Quarterly		Manganese	3.3	NA	mg/L
Quarterly		Nitrate	0.058	NA	mg/L
Quarterly		pH	6.9	5.5 - 7.8	pH units
Quarterly		Potassium	33	42	mg/L
Quarterly		Total Organic Carbon	10	45.5	mg/L
Quarterly		EC	9180	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	2.1	12.1
	Quarterly	Fluoride	1.5	NA	mg/L
	Quarterly	Iron	0.08	NA	mg/L
	Quarterly	Manganese	1.2	NA	mg/L
	Quarterly	Nitrate	0.38	NA	mg/L
	Quarterly	pH	7.3	5.5 - 7.8	pH units
	Quarterly	Potassium	35	42	mg/L
	Quarterly	Total Organic Carbon	8	45.5	mg/L
	Quarterly	EC	7320	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	<0.01	NA	mg/L
	Quarterly	Manganese	0.73	NA	mg/L
	Quarterly	Nitrate	0.4	NA	mg/L
	Quarterly	pH	7.2	5.5 - 7.8	pH units
	Quarterly	Potassium	31	42	mg/L
	Quarterly	Total Organic Carbon	8	45.5	mg/L
	Quarterly	EC	7910	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	0.013	12.1
Quarterly		Fluoride	0.5	NA	mg/L
Quarterly		Iron	0.01	NA	mg/L
Quarterly		Manganese	0.42	NA	mg/L
Quarterly		Nitrate	0.83	NA	mg/L
Quarterly		pH	7.1	5.5 - 7.8	pH units
Quarterly		Potassium	30	42	mg/L
Quarterly		Total Organic Carbon	7	45.5	mg/L
Quarterly		EC	10100	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