

Sampled	14/04/2023		Licensee:	Maitland City Council	
Published	27/04/2023		EPL #	6116	
Obtained	27/04/2023				
Sampling Point	Monitoring Frequency	Pollutant	Measurement	Limit	Unit
SW1	Quarterly	Ammonia	0.23	7	mg/L
	Quarterly	Iron	0.27	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	<0.02	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	0.05	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		0.1	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)	190	NA	mg/L
	Quarterly	Ammonia	0.41	7	mg/L
	Quarterly	BOD	8	NA	mg/L
	Quarterly	Calcium	74	NA	mg/L
	Quarterly	Chloride	130	NA	mg/L
	Quarterly	EC	1340	NA	µS/cm
	Quarterly	Fluoride	0.9	NA	mg/L
	Quarterly	Iron	0.02	0.7	mg/L
	Quarterly	Magnesium	37	NA	mg/L

	Quarterly	Manganese	0.013	1.9	mg/L
	Quarterly	Nitrate	0.36	4.11	mg/L
	Quarterly	OC Pesticide	<0.2	0.1	ug/L
	Quarterly	pH	7.8	5.5-7.8	pH units
	Quarterly	Potassium	23	42	mg/L
	Quarterly	Sodium	160	NA	mg/L
	Quarterly	Sulphate	370	NA	mg/L
	Quarterly	Total Phenolics	<0.05	NA	mg/L
	Quarterly	Total Organic Carbon	19	45.5	mg/L
	Quarterly	Total Suspended Solids	10	NA	mg/L
GW1	Quarterly	Ammonia	0.55	12.1	mg/L
	Quarterly	Fluoride	0.2	NA	mg/L
	Quarterly	Iron	4.2	NA	mg/L
	Quarterly	Manganese	0.15	NA	mg/L
	Quarterly	Nitrate	<0.005	NA	mg/L
	Quarterly	pH	5.8	5.5 - 7.8	pH units
	Quarterly	Potassium	6.4	42	mg/L
	Quarterly	Total Organic Carbon	37	45.5	mg/L
	Quarterly	EC	458	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	<0.02	12.1
Quarterly		Fluoride	0.6	NA	mg/L
Quarterly		Iron	0.28	NA	mg/L
Quarterly		Manganese	1.5	NA	mg/L
Quarterly		Nitrate	0.02	NA	mg/L
Quarterly		pH	6.8	5.5 - 7.8	pH units
Quarterly		Potassium	31	42	mg/L
Quarterly		Total Organic Carbon	13	45.5	mg/L
Quarterly		EC	8830	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	8.6	12.1
	Quarterly	Fluoride	1.2	NA	mg/L
	Quarterly	Iron	0.33	NA	mg/L
	Quarterly	Manganese	1.4	NA	mg/L
	Quarterly	Nitrate	<0.005	NA	mg/L
	Quarterly	pH	6.8	5.5 - 7.8	pH units
	Quarterly	Potassium	34	42	mg/L
	Quarterly	Total Organic Carbon	10	45.5	mg/L
	Quarterly	EC	7510	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	0.23	12.1	mg/L
	Quarterly	Fluoride	0.7	NA	mg/L
	Quarterly	Iron	3.6	NA	mg/L
	Quarterly	Manganese	1	NA	mg/L
	Quarterly	Nitrate	<0.005	NA	mg/L
	Quarterly	pH	6.7	5.5 - 7.8	pH units
	Quarterly	Potassium	29	42	mg/L
	Quarterly	Total Organic Carbon	9	45.5	mg/L
	Quarterly	EC	7700	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	0.52	12.1
Quarterly		Fluoride	0.6	NA	mg/L
Quarterly		Iron	13	NA	mg/L
Quarterly		Manganese	0.57	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	7	45.5	mg/L
Quarterly		EC	9940	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