

Sampled	4/07/2024		Licensee:	Maitland City Council	
Published	17/07/2024		EPL #	6116	
Obtained	17/07/2024				
Sampling Point	Monitoring Frequency	Pollutant	Measurement	Limit	Unit
SW1	Quarterly	Ammonia	0.1	7	mg/L
	Quarterly	Iron	0.30	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	0.38	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	0.06	0.7	mg/L
	Event	Magnesium		NA	mg/L
	Event	Manganese		1.9	mg/L
	Quarterly	Nitrate	0.8	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)	210	NA	mg/L
	Quarterly	Ammonia	0.74	7	mg/L
	Quarterly	BOD	34	NA	mg/L
	Quarterly	Calcium	92	NA	mg/L
	Quarterly	Chloride	160	NA	mg/L
	Quarterly	EC	1630	NA	µS/cm
	Quarterly	Fluoride	1	NA	mg/L
	Quarterly	Iron	0.04	0.7	mg/L
	Quarterly	Magnesium	50	NA	mg/L

	Quarterly	Manganese	0.094	1.9	mg/L
	Quarterly	Nitrate	0.9	4.11	mg/L
	Quarterly	OC Pesticide	<2.0	0.1	ug/L
	Quarterly	pH	7.6	5.5-7.8	pH units
	Quarterly	Potassium	23	42	mg/L
	Quarterly	Sodium	180	NA	mg/L
	Quarterly	Sulphate	440	NA	mg/L
	Quarterly	Total Phenolics	<0.0	NA	mg/L
	Quarterly	Total Organic Carbon	21	45.5	mg/L
	Quarterly	Total Suspended Solids	33	NA	mg/L
GW1	Quarterly	Ammonia	0.09	12.1	mg/L
	Quarterly	Fluoride	0.2	NA	mg/L
	Quarterly	Iron	2.2	NA	mg/L
	Quarterly	Manganese	0.12	NA	mg/L
	Quarterly	Nitrate	<0.005	NA	mg/L
	Quarterly	pH	5.7	5.5 - 7.8	pH units
	Quarterly	Potassium	7.7	42	mg/L
	Quarterly	Total Organic Carbon	<1	45.5	mg/L
	Quarterly	EC	402	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	0.7	NA	mg/L
Quarterly		Iron	<0.01	NA	mg/L
Quarterly		Manganese	2.6	NA	mg/L
Quarterly		Nitrate	0.089	NA	mg/L
Quarterly		pH	6.6	5.5 - 7.8	pH units
Quarterly		Potassium	32	42	mg/L
Quarterly		Total Organic Carbon	13	45.5	mg/L
Quarterly		EC	9930	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	3.9	12.1
	Quarterly	Fluoride	1.4	NA	mg/L
	Quarterly	Iron	3	NA	mg/L
	Quarterly	Manganese	1.4	NA	mg/L
	Quarterly	Nitrate	<0.005	NA	mg/L
	Quarterly	pH	6.7	5.5 - 7.8	pH units
	Quarterly	Potassium	37	42	mg/L
	Quarterly	Total Organic Carbon	9	45.5	mg/L
	Quarterly	EC	9290	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	0.37	12.1	mg/L
	Quarterly	Fluoride	0.8	NA	mg/L
	Quarterly	Iron	10	NA	mg/L
	Quarterly	Manganese	0.99	NA	mg/L
	Quarterly	Nitrate	0.2	NA	mg/L
	Quarterly	pH	6.7	5.5 - 7.8	pH units
	Quarterly	Potassium	31	42	mg/L
	Quarterly	Total Organic Carbon	8	45.5	mg/L
	Quarterly	EC	8410	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	0.77	12.1
Quarterly		Fluoride	0.6	NA	mg/L
Quarterly		Iron	18	NA	mg/L
Quarterly		Manganese	0.46	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	11000	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