

Sampled	29/10/2024		Licensee:	Maitland City Council	
Published	8/11/2024		EPL #	6116	
Obtained	8/11/2024				
Sampling Point	Monitoring Frequency	Pollutant	Measurement	Limit	Unit
SW1	Quarterly	Ammonia	0.03	7	mg/L
	Quarterly	Iron	0.08	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	0.12	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	0.02	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)	260	NA	mg/L
	Quarterly	Ammonia	0.47	7	mg/L
	Quarterly	BOD	<5	NA	mg/L
	Quarterly	Calcium	150	NA	mg/L
	Quarterly	Chloride	340	NA	mg/L
	Quarterly	EC	3150	NA	µS/cm
	Quarterly	Fluoride	1.1	NA	mg/L

	Quarterly	Iron	0.01	0.7	mg/L
	Quarterly	Magnesium	96	NA	mg/L
	Quarterly	Manganese	0.21	1.9	mg/L
	Quarterly	Nitrate	0.23	4.11	mg/L
	Quarterly	OC Pesticide	<2.0	0.1	ug/L
	Quarterly	pH	8	5.5-7.8	pH units
	Quarterly	Potassium	40	42	mg/L
	Quarterly	Sodium	370	NA	mg/L
	Quarterly	Sulphate	920	NA	mg/L
	Quarterly	Total Phenolics	<0.05	NA	mg/L
	Quarterly	Total Organic Carbon	25	45.5	mg/L
	Quarterly	Total Suspended Solids	5	NA	mg/L
GW1	Quarterly	Ammonia	4.3	12.1	mg/L
	Quarterly	Fluoride	0.2	NA	mg/L
	Quarterly	Iron	9.5	NA	mg/L
	Quarterly	Manganese	0.68	NA	mg/L
	Quarterly	Nitrate	<0.005	NA	mg/L
	Quarterly	pH	5.9	5.5 - 7.8	pH units
	Quarterly	Potassium	13	42	mg/L
	Quarterly	Total Organic Carbon	38	45.5	mg/L
	Quarterly	EC	651	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	0.04	12.1
Quarterly		Fluoride	0.7	NA	mg/L
Quarterly		Iron	<0.01	NA	mg/L
Quarterly		Manganese	1.1	NA	mg/L
Quarterly		Nitrate	0.067	NA	mg/L
Quarterly		pH	6.7	5.5 - 7.8	pH units
Quarterly		Potassium	34	42	mg/L
Quarterly		Total Organic Carbon	14	45.5	mg/L
Quarterly		EC	9970	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	6.4	12.1
	Quarterly	Fluoride	1.3	NA	mg/L
	Quarterly	Iron	1.9	NA	mg/L
	Quarterly	Manganese	1.3	NA	mg/L
	Quarterly	Nitrate	<0.005	NA	mg/L

	Quarterly	pH	6.6	5.5 - 7.8	pH units
	Quarterly	Potassium	37	42	mg/L
	Quarterly	Total Organic Carbon	9	45.5	mg/L
	Quarterly	EC	9270	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	0.03	12.1	mg/L
	Quarterly	Fluoride	0.8	NA	mg/L
	Quarterly	Iron	<0.01	NA	mg/L
	Quarterly	Manganese	0.45	NA	mg/L
	Quarterly	Nitrate	0.42	NA	mg/L
	Quarterly	pH	6.9	5.5 - 7.8	pH units
	Quarterly	Potassium	32	42	mg/L
	Quarterly	Total Organic Carbon	8	45.5	mg/L
	Quarterly	EC	8570	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	0.13	12.1
Quarterly		Fluoride	0.6	NA	mg/L
Quarterly		Iron	1.7	NA	mg/L
Quarterly		Manganese	0.4	NA	mg/L
Quarterly		Nitrate	0.33	NA	mg/L
Quarterly		pH	6.7	5.5 - 7.8	pH units
Quarterly		Potassium	29	42	mg/L
Quarterly		Total Organic Carbon	8	45.5	mg/L
Quarterly		EC	10700	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