

Sampled	10/04/2025		Licensee:	Maitland City Council		
Published	1/05/2025		EPL #	6116		
Obtained	28/04/2025					
Sampling Point	Monitoring Frequency	Pollutant	Measurement	Limit	Unit	
SW1	Quarterly	Ammonia	0.03	7	mg/L	
	Quarterly	Iron	0.22	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	0.27	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)	200	NA	mg/L
		Quarterly	Ammonia	0.16	7	mg/L
Quarterly		BOD	10	NA	mg/L	
Quarterly		Calcium	100	NA	mg/L	
Quarterly		Chloride	250	NA	mg/L	
Quarterly		EC	2040	NA	µS/cm	
Quarterly		Fluoride	1.1	NA	mg/L	
Quarterly		Iron	0.02	0.7	mg/L	
Quarterly		Magnesium	63	NA	mg/L	
Quarterly		Manganese	0.056	1.9	mg/L	
Quarterly		Nitrate	0.14	4.11	mg/L	
Quarterly		OC Pesticide	<2.0	0.1	ug/L	
Quarterly		pH	8.2	5.5-7.8	pH units	

	Quarterly	Potassium	36	42	mg/L
	Quarterly	Sodium	320	NA	mg/L
	Quarterly	Sulphate	450	NA	mg/L
	Quarterly	Total Phenolics	<0.05	NA	mg/L
	Quarterly	Total Organic Carbon	25	45.5	mg/L
	Quarterly	Total Suspended Solids	17	NA	mg/L
GW1	Quarterly	Ammonia	2.9	12.1	mg/L
	Quarterly	Fluoride	0.4	NA	mg/L
	Quarterly	Iron	17	NA	mg/L
	Quarterly	Manganese	2.2	NA	mg/L
	Quarterly	Nitrate	<0.005	NA	mg/L
	Quarterly	pH	5.9	5.5 - 7.8	pH units
	Quarterly	Potassium	25	42	mg/L
	Quarterly	Total Organic Carbon	18	45.5	mg/L
	Quarterly	EC	4190	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	mg/L
	Quarterly	Fluoride	0.7	NA	mg/L
	Quarterly	Iron	<0.01	NA	mg/L
	Quarterly	Manganese	0.32	NA	mg/L
	Quarterly	Nitrate	0.04	NA	mg/L
	Quarterly	pH	6.6	5.5 - 7.8	pH units
	Quarterly	Potassium	33	42	mg/L
	Quarterly	Total Organic Carbon	12	45.5	mg/L
	Quarterly	EC	10600	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	17	12.1	mg/L
	Quarterly	Fluoride	1.4	NA	mg/L
	Quarterly	Iron	<0.01	NA	mg/L
	Quarterly	Manganese	1.6	NA	mg/L
	Quarterly	Nitrate	<0.005	NA	mg/L
	Quarterly	pH	7	5.5 - 7.8	pH units
	Quarterly	Potassium	39	42	mg/L
	Quarterly	Total Organic Carbon	14	45.5	mg/L
	Quarterly	EC	9510	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	1.4	NA	mg/L
	Quarterly	Manganese	0.95	NA	mg/L
	Quarterly	Nitrate	<0.005	NA	mg/L
	Quarterly	pH	6.8	5.5 - 7.8	pH units

	Quarterly	Potassium	29	42	mg/L
	Quarterly	Total Organic Carbon	10	45.5	mg/L
	Quarterly	EC	8170	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
<b>GW5</b>	Quarterly	Ammonia	0.66	12.1	mg/L
	Quarterly	Fluoride	0.6	NA	mg/L
	Quarterly	Iron	0.06	NA	mg/L
	Quarterly	Manganese	0.35	NA	mg/L
	Quarterly	Nitrate	<0.005	NA	mg/L
	Quarterly	pH	6.6	5.5 - 7.8	pH units
	Quarterly	Potassium	31	42	mg/L
	Quarterly	Total Organic Carbon	6	45.5	mg/L
	Quarterly	EC	11800	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
<b>GW6</b>	Quarterly	Ammonia	2.9	12.1	mg/L
	Quarterly	Fluoride	0.3	NA	mg/L
	Quarterly	Iron	5.5	NA	mg/L
	Quarterly	Manganese	0.41	NA	mg/L
	Quarterly	Nitrate	0.02	NA	mg/L
	Quarterly	pH	6.4	5.5 - 7.8	pH units
	Quarterly	Potassium	7.4	42	mg/L
	Quarterly	Total Organic Carbon	43	45.5	mg/L
	Quarterly	EC	482	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