

Sampled	16/01/2025		Licensee:	Maitland City Council	
Published	3/02/2025		EPL #	6116	
Obtained	30/01/2025				
Sampling Point	Monitoring Frequency	Pollutant	Measurement	Limit	Unit
SW1	Quarterly	Ammonia	0.04	7	mg/L
	Quarterly	Iron	0.03	0.7	mg/L
	Quarterly	Nitrate	0.47	4.11	mg/L
	Annually	BOD	<5	5.9	mg/L
	Annually	Barium	0.047	0.1	mg/L
	Annually	Copper	0.001	0.1	mg/L
	Annually	Mercury	<0.00005	0.0005	mg/L
	Annually	Phosphorus	0.3	1.4	mg/L
	Annually	Zinc	0.110	0.12	mg/L
SW2	Event	Alkalinity (as calcium)		NA	mg/L
	Quarterly	Ammonia	0.11	7	mg/L
	Annually	BOD	<5	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	0.03	0.7	mg/L
	Event	Magnesium		NA	mg/L
	Event	Manganese		1.9	mg/L
	Quarterly	Nitrate	0.21	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	0.087	0.1	mg/L
	Annually	Copper	<0.001	0.1	mg/L
	Annually	Mercury	<0.00005	0.0005	mg/L
Annually	Phosphorous	0.07	1.4	mg/L	
Annually	Zinc	0.032	0.12	mg/L	
SW3	Quarterly	Alkalinity (as calcium)	170	NA	mg/L
	Quarterly	Ammonia	0.06	7	mg/L
	Quarterly	BOD	5	NA	mg/L
	Quarterly	Calcium	75	NA	mg/L
	Quarterly	Chloride	460	NA	mg/L
	Quarterly	EC	3570	NA	µS/cm
	Quarterly	Fluoride	1.4	NA	mg/L
	Quarterly	Iron	0.02	0.7	mg/L
	Quarterly	Magnesium	99	NA	mg/L

	Quarterly	Manganese	<0.005	1.9	mg/L
	Quarterly	Nitrate	0.29	4.11	mg/L
	Quarterly	OC Pesticide	<0.2	0.1	ug/L
	Quarterly	pH	8.3	5.5-7.8	pH units
	Quarterly	Potassium	52	42	mg/L
	Quarterly	Sodium	460	NA	mg/L
	Quarterly	Sulphate	830	NA	mg/L
	Quarterly	Total Phenolics	<0.05	NA	mg/L
	Quarterly	Total Organic Carbon	34	45.5	mg/L
	Quarterly	Total Suspended Solids	52	NA	mg/L
GW1	Quarterly	Ammonia	2.9	12.1	mg/L
	Quarterly	Fluoride	0.5	NA	mg/L
	Quarterly	Iron	26	NA	mg/L
	Quarterly	Manganese	3.7	NA	mg/L
	Quarterly	Nitrate	0.072	NA	mg/L
	Quarterly	pH	6.1	5.5 - 7.8	pH units
	Quarterly	Potassium	28	42	mg/L
	Quarterly	Total Organic Carbon	20	45.5	mg/L
	Quarterly	EC	3290	NA	µS/cm
	Annually	Aluminium	0.16	0.119	mg/L
	Annually	Arsenic	<0.001	0.005	mg/L
	Annually	Copper	<0.001	0.1	mg/L
	Annually	Mercury	<0.00005	0.0005	mg/L
	GW2	Quarterly	Ammonia	<0.02	12.1
Quarterly		Fluoride	0.9	NA	mg/L
Quarterly		Iron	<0.01	NA	mg/L
Quarterly		Manganese	0.22	NA	mg/L
Quarterly		Nitrate	0.099	NA	mg/L
Quarterly		pH	6.6	5.5 - 7.8	pH units
Quarterly		Potassium	32	42	mg/L
Quarterly		Total Organic Carbon	14	45.5	mg/L
Quarterly		EC	8610	NA	µS/cm
Annually		Aluminium	<0.01	0.119	mg/L
Annually		Arsenic	<0.001	0.005	mg/L
Annually		Copper	0.002	0.1	mg/L
Annually		Mercury	<0.00005	0.0005	mg/L
GW3		Quarterly	Ammonia	9.3	12.1
	Quarterly	Fluoride	1.6	NA	mg/L
	Quarterly	Iron	1.5	NA	mg/L
	Quarterly	Manganese	1.4	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	10	45.5	mg/L
	Quarterly	EC	8390	NA	µS/cm
	Annually	Aluminium	<0.01	0.119	mg/L
	Annually	Arsenic	<0.001	0.005	mg/L
	Annually	Copper	<0.001	0.1	mg/L

	Annually	Mercury	<0.00005	0.0005	mg/L
GW4	Quarterly	Ammonia	0.15	12.1	mg/L
	Quarterly	Fluoride	1	NA	mg/L
	Quarterly	Iron	5.1	NA	mg/L
	Quarterly	Manganese	0.92	NA	mg/L
	Quarterly	Nitrate	0.094	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	7500	NA	µS/cm
	Annually	Aluminium	<0.01	0.119	mg/L
	Annually	Arsenic	0.002	0.005	mg/L
	Annually	Copper	<0.001	0.1	mg/L
	Annually	Mercury	<0.00005	0.0005	mg/L
	GW5	Quarterly	Ammonia	0.64	12.1
Quarterly		Fluoride	0.8	NA	mg/L
Quarterly		Iron	8	NA	mg/L
Quarterly		Manganese	0.44	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	7	45.5	mg/L
Quarterly		EC	9780	NA	µS/cm
Annually		Aluminium	<0.01	0.119	mg/L
Annually		Arsenic	0.005	0.005	mg/L
Annually		Copper	<0.001	0.1	mg/L
Annually		Mercury	<0.00005	0.0005	mg/L