

<b>Sampled</b>	19/01/2024		Licensee:	Maitland City Council	
<b>Published</b>	5/02/2024		EPL #	6116	
<b>Obtained</b>	5/02/2024				
Sampling Point	Monitoring Frequency	Pollutant	Measurement	Limit	Unit
<b>SW1</b>	Quarterly	Ammonia	0.06	7	mg/L
	Quarterly	Iron	0.04	0.7	mg/L
	Quarterly	Nitrate	0.006	4.11	mg/L
	Annually	BOD	5	5.9	mg/L
	Annually	Barium	0.099	0.1	mg/L
	Annually	Copper	<0.001	0.1	mg/L
	Annually	Mercury	<0.00005	0.0005	mg/L
	Annually	Phosphorus	0.4	1.4	mg/L
	Annually	Zinc	0.034	0.12	mg/L
<b>SW2</b>	Event	Alkalinity (as calcium)		NA	mg/L
	Quarterly	Ammonia	<0.02	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	<0.01	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	0.031	0.1	mg/L
	Annually	Copper	<0.001	0.1	mg/L
	Annually	Mercury	<0.00005	0.0005	mg/L
	Annually	Phosphorous	0.06	1.4	mg/L
Annually	Zinc	0.01	0.12	mg/L	
<b>SW3</b>	Quarterly	Alkalinity (as calcium)	190	NA	mg/L
	Quarterly	Ammonia	<0.02	7	mg/L
	Quarterly	BOD	12	NA	mg/L
	Quarterly	Calcium	46	NA	mg/L
	Quarterly	Chloride	340	NA	mg/L
	Quarterly	EC	2650	NA	µS/cm
	Quarterly	Fluoride	1.3	NA	mg/L

	Quarterly	Iron	0.02	0.7	mg/L
	Quarterly	Magnesium	83	NA	mg/L
	Quarterly	Manganese	0.005	1.9	mg/L
	Quarterly	Nitrate	<0.005	4.11	mg/L
	Quarterly	OC Pesticide	<0.2	0.1	ug/L
	Quarterly	pH	9.6	5.5-7.8	pH units
	Quarterly	Potassium	36	42	mg/L
	Quarterly	Sodium	360	NA	mg/L
	Quarterly	Sulphate	670	NA	mg/L
	Quarterly	Total Phenolics	<0.1	NA	mg/L
	Quarterly	Total Organic Carbon	30	45.5	mg/L
	Quarterly	Total Suspended Solids	36	NA	mg/L
<b>GW1</b>	Quarterly	Ammonia	0.79	12.1	mg/L
	Quarterly	Fluoride	0.6	NA	mg/L
	Quarterly	Iron	33	NA	mg/L
	Quarterly	Manganese	5.4	NA	mg/L
	Quarterly	Nitrate	<0.005	NA	mg/L
	Quarterly	pH	5.9	5.5 - 7.8	pH units
	Quarterly	Potassium	31	42	mg/L
	Quarterly	Total Organic Carbon	10	45.5	mg/L
	Quarterly	EC	5930	NA	µS/cm
	Annually	Aluminium	0.12	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
	<b>GW2</b>	Quarterly	Ammonia	0.02	12.1
Quarterly		Fluoride	0.7	NA	mg/L
Quarterly		Iron	<0.01	NA	mg/L
Quarterly		Manganese	1.4	NA	mg/L
Quarterly		Nitrate	0.063	NA	mg/L
Quarterly		pH	6.7	5.5 - 7.8	pH units
Quarterly		Potassium	32	42	mg/L
Quarterly		Total Organic Carbon	12	45.5	mg/L
Quarterly		EC	9640	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
<b>GW3</b>		Quarterly	Ammonia	8.9	12.1
	Quarterly	Fluoride	1.4	NA	mg/L
	Quarterly	Iron	0.17	NA	mg/L
	Quarterly	Manganese	1.8	NA	mg/L
	Quarterly	Nitrate	<0.005	NA	mg/L

	Quarterly	pH	6.8	5.5 - 7.8	pH units
	Quarterly	Potassium	37	42	mg/L
	Quarterly	Total Organic Carbon	7	45.5	mg/L
	Quarterly	EC	8670	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
<b>GW4</b>	Quarterly	Ammonia	0.28	12.1	mg/L
	Quarterly	Fluoride	0.8	NA	mg/L
	Quarterly	Iron	5.2	NA	mg/L
	Quarterly	Manganese	1.5	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	8200	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
	<b>GW5</b>	Quarterly	Ammonia	1	12.1
Quarterly		Fluoride	0.6	NA	mg/L
Quarterly		Iron	15	NA	mg/L
Quarterly		Manganese	0.38	NA	mg/L
Quarterly		Nitrate	<0.005	NA	mg/L
Quarterly		pH	6.6	5.5 - 7.8	pH units
Quarterly		Potassium	28	42	mg/L
Quarterly		Total Organic Carbon	6	45.5	mg/L
Quarterly		EC	10900	NA	µS/cm
Annually		Aluminium	<0.01	0.119	mg/L
Annually		Arsenic	0.012	0.005	mg/L
Annually		Copper	<0.001	0.1	mg/L
Annually		Mercury	<0.00005	0.0005	mg/L