

Sampled	19/01/2023		Licensee:	Maitland City Council	
Published	2/02/2023		EPL #	6116	
Obtained	2/02/2023				
Sampling Point	Monitoring Frequency	Pollutant	Measurement	Limit	Unit
SW1	Quarterly	Ammonia	<0.02	7	mg/L
	Quarterly	Iron	<0.01	0.7	mg/L
	Quarterly	Nitrate	<0.005	4.11	mg/L
	Annually	BOD	<5	5.9	mg/L
	Annually	Barium	0.074	0.1	mg/L
	Annually	Copper	<0.001	0.1	mg/L
	Annually	Mercury	<0.00005	0.0005	mg/L
	Annually	Phosphorus	0.09	1.4	mg/L
	Annually	Zinc	0.028	0.12	mg/L
SW2	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	0.09	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	0.041	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	0.02	0.12	mg/L	
SW3	Quarterly	Alkalinity (as calcium)	230	NA	mg/L
	Quarterly	Ammonia	0.02	7	mg/L
	Quarterly	BOD	5	NA	mg/L
	Quarterly	Calcium	62	NA	mg/L
	Quarterly	Chloride	220	NA	mg/L
	Quarterly	EC	1910	NA	µS/cm
	Quarterly	Fluoride	0.9	NA	mg/L
	Quarterly	Iron	0.01	0.7	mg/L
	Quarterly	Magnesium	57	NA	mg/L

	Quarterly	Manganese	0.072	1.9	mg/L
	Quarterly	Nitrate	<0.005	4.11	mg/L
	Quarterly	OC Pesticide	<0.2	0.1	ug/L
	Quarterly	pH	8.6	5.5-7.8	pH units
	Quarterly	Potassium	32	42	mg/L
	Quarterly	Sodium	290	NA	mg/L
	Quarterly	Sulphate	470	NA	mg/L
	Quarterly	Total Phenolics	<0.05	NA	mg/L
	Quarterly	Total Organic Carbon	24	45.5	mg/L
	Quarterly	Total Suspended Solids	18	NA	mg/L
GW1	Quarterly	Ammonia	0.27	12.1	mg/L
	Quarterly	Fluoride	0.2	NA	mg/L
	Quarterly	Iron	5.4	NA	mg/L
	Quarterly	Manganese	0.33	NA	mg/L
	Quarterly	Nitrate	<0.005	NA	mg/L
	Quarterly	pH	5.9	5.5 - 7.8	pH units
	Quarterly	Potassium	9.4	42	mg/L
	Quarterly	Total Organic Carbon	43	45.5	mg/L
	Quarterly	EC	678	NA	µS/cm
	Annually	Aluminium	0.63	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	0.6	NA	mg/L
Quarterly		Iron	<0.01	NA	mg/L
Quarterly		Manganese	2.8	NA	mg/L
Quarterly		Nitrate	0.073	NA	mg/L
Quarterly		pH	6.7	5.5 - 7.8	pH units
Quarterly		Potassium	43	42	mg/L
Quarterly		Total Organic Carbon	12	45.5	mg/L
Quarterly		EC	9270	NA	µS/cm
Annually		Aluminium	<0.01	0.119	mg/L
Annually		Arsenic	<0.001	0.005	mg/L
Annually		Copper	0.009	0.1	mg/L
Annually		Mercury	<0.00005	0.0005	mg/L
GW3		Quarterly	Ammonia	11	12.1
	Quarterly	Fluoride	1.4	NA	mg/L
	Quarterly	Iron	0.38	NA	mg/L
	Quarterly	Manganese	1.2	NA	mg/L
	Quarterly	Nitrate	0.008	NA	mg/L
	Quarterly	pH	6.9	5.5 - 7.8	pH units
	Quarterly	Potassium	40	42	mg/L
	Quarterly	Total Organic Carbon	9	45.5	mg/L
	Quarterly	EC	7670	NA	µS/cm
	Annually	Aluminium	0.02	0.119	mg/L
	Annually	Arsenic	0.003	0.005	mg/L
	Annually	Copper	<0.001	0.1	mg/L

	Annually	Mercury	<0.00005	0.0005	mg/L
GW4	Quarterly	Ammonia	<0.02	12.1	mg/L
	Quarterly	Fluoride	0.8	NA	mg/L
	Quarterly	Iron	0.15	NA	mg/L
	Quarterly	Manganese	0.87	NA	mg/L
	Quarterly	Nitrate	0.083	NA	mg/L
	Quarterly	pH	6.7	5.5 - 7.8	pH units
	Quarterly	Potassium	36	42	mg/L
	Quarterly	Total Organic Carbon	9	45.5	mg/L
	Quarterly	EC	8660	NA	µS/cm
	Annually	Aluminium	<0.01	0.119	mg/L
	Annually	Arsenic	<0.001	0.005	mg/L
	Annually	Copper	0.005	0.1	mg/L
	Annually	Mercury	<0.00005	0.0005	mg/L
	GW5	Quarterly	Ammonia	0.71	12.1
Quarterly		Fluoride	0.6	NA	mg/L
Quarterly		Iron	15	NA	mg/L
Quarterly		Manganese	0.47	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	7	45.5	mg/L
Quarterly		EC	10900	NA	µS/cm
Annually		Aluminium	<0.01	0.119	mg/L
Annually		Arsenic	0.017	0.005	mg/L
Annually		Copper	<0.001	0.1	mg/L
Annually		Mercury	<0.00005	0.0005	mg/L