

Sampled	7/07/2023		Licensee:	Maitland City	
Published	20/07/2023		EPL #	Council	
Obtained	19/07/2023			6116	
Sampling Point	Monitoring Frequency	Pollutant	Measurement	Limit	Unit
SW1	Quarterly	Ammonia	0.09	7	mg/L
	Quarterly	Iron	0.09	0.7	mg/L
	Quarterly	Nitrate	0.02	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	0.17	7	mg/L
	Annually	BOD		NA	mg/L
	Event	Calcium		NA	mg/L
	Event	Chloride		NA	mg/L
	Event	EC (μ S/cm)		NA	μ S/cm
	Event	Fluoride		NA	mg/L
	Quarterly	Iron	0.04	0.7	mg/L
	Event	Magnesium		NA	mg/L
	Event	Manganese		1.9	mg/L
	Quarterly	Nitrate	0.03	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)	300	NA	mg/L
	Quarterly	Ammonia	0.92	7	mg/L
	Quarterly	BOD	14	NA	mg/L
	Quarterly	Calcium	120	NA	mg/L
	Quarterly	Chloride	320	NA	mg/L
	Quarterly	EC	2530	NA	μ S/cm
	Quarterly	Fluoride	0.9	NA	mg/L
	Quarterly	Iron	<0.01	0.7	mg/L
	Quarterly	Magnesium	75	NA	mg/L

	Quarterly	Manganese	0.031	1.9	mg/L
	Quarterly	Nitrate	0.68	4.11	mg/L
	Quarterly	OC Pesticide	<0.2	0.1	ug/L
	Quarterly	pH	8.1	5.5-7.8	pH units
	Quarterly	Potassium	34	42	mg/L
	Quarterly	Sodium	370	NA	mg/L
	Quarterly	Sulphate	720	NA	mg/L
	Quarterly	Total Phenolics	<0.05	NA	mg/L
	Quarterly	Total Organic Carbon	25	45.5	mg/L
	Quarterly	Total Suspended Solids	16	NA	mg/L
GW1	Quarterly	Ammonia	0.6	12.1	mg/L
	Quarterly	Fluoride	0.3	NA	mg/L
	Quarterly	Iron	20	NA	mg/L
	Quarterly	Manganese	1.8	NA	mg/L
	Quarterly	Nitrate	<0.005	NA	mg/L
	Quarterly	pH	5.9	5.5 - 7.8	pH units
	Quarterly	Potassium	20	42	mg/L
	Quarterly	Total Organic Carbon	26	45.5	mg/L
	Quarterly	EC	3080	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
Quarterly		Fluoride	0.6	NA	mg/L
Quarterly		Iron	<0.01	NA	mg/L
Quarterly		Manganese	1.5	NA	mg/L
Quarterly		Nitrate	0.11	NA	mg/L
Quarterly		pH	6.7	5.5 - 7.8	pH units
Quarterly		Potassium	32	42	mg/L
Quarterly		Total Organic Carbon	14	45.5	mg/L
Quarterly		EC	9900	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	8.6	12.1
	Quarterly	Fluoride	1.1	NA	mg/L
	Quarterly	Iron	2.1	NA	mg/L
	Quarterly	Manganese	1.7	NA	mg/L
	Quarterly	Nitrate	<0.005	NA	mg/L
	Quarterly	pH	6.8	5.5 - 7.8	pH units
	Quarterly	Potassium	35	42	mg/L
	Quarterly	Total Organic Carbon	9	45.5	mg/L
	Quarterly	EC	9130	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	0.28	12.1	mg/L
	Quarterly	Fluoride	0.6	NA	mg/L
	Quarterly	Iron	6.8	NA	mg/L
	Quarterly	Manganese	0.78	NA	mg/L
	Quarterly	Nitrate	0.13	NA	mg/L
	Quarterly	pH	7	5.5 - 7.8	pH units
	Quarterly	Potassium	32	42	mg/L
	Quarterly	Total Organic Carbon	10	45.5	mg/L
	Quarterly	EC	8300	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	0.72	12.1
Quarterly		Fluoride	0.5	NA	mg/L
Quarterly		Iron	18	NA	mg/L
Quarterly		Manganese	0.4	NA	mg/L
Quarterly		Nitrate	<0.005	NA	mg/L
Quarterly		pH	6.7	5.5 - 7.8	pH units
Quarterly		Potassium	30	42	mg/L
Quarterly		Total Organic Carbon	8	45.5	mg/L
Quarterly		EC	11100	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