

Sampled	14/04/2021		Licensee:	Maitland City Council	
Published	30/04/2021		EPL #	6116	
Obtained	26/04/2021				
Sampling Point	Monitoring Frequency	Pollutant	Measurement	Limit	Unit
SW1	Quarterly	Ammonia	0.008	7	mg/L
	Quarterly	Iron	0.87	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	0.068	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	0.13	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)	180	NA	mg/L
	Quarterly	Ammonia	0.42	7	mg/L
	Quarterly	BOD	10	NA	mg/L
	Quarterly	Calcium	39	NA	mg/L
	Quarterly	Chloride	70	NA	mg/L
	Quarterly	EC	828	NA	µS/cm
	Quarterly	Fluoride	0.5	NA	mg/L

	Quarterly	Iron	0.09	0.7	mg/L
	Quarterly	Magnesium	20	NA	mg/L
	Quarterly	Manganese	0.008	1.9	mg/L
	Quarterly	Nitrate	0.44	4.11	mg/L
	Quarterly	OC Pesticide	<0.2	0.1	ug/L
	Quarterly	pH	8.8	5.5-7.8	pH units
	Quarterly	Potassium	21	42	mg/L
	Quarterly	Sodium	81	NA	mg/L
	Quarterly	Sulphate	110	NA	mg/L
	Quarterly	Total Phenolics	<0.1	NA	mg/L
	Quarterly	Total Organic Carbon	16	45.5	mg/L
	Quarterly	Total Suspended Solids	19	NA	mg/L
GW1	Quarterly	Ammonia	0.027	12.1	mg/L
	Quarterly	Fluoride	0.2	NA	mg/L
	Quarterly	Iron	1.4	NA	mg/L
	Quarterly	Manganese	0.03	NA	mg/L
	Quarterly	Nitrate	<0.005	NA	mg/L
	Quarterly	pH	5.6	5.5 - 7.8	pH units
	Quarterly	Potassium	8.3	42	mg/L
	Quarterly	Total Organic Carbon	44	45.5	mg/L
	Quarterly	EC	265	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	1.7	12.1
Quarterly		Fluoride	0.8	NA	mg/L
Quarterly		Iron	1.5	NA	mg/L
Quarterly		Manganese	1.9	NA	mg/L
Quarterly		Nitrate	0.006	NA	mg/L
Quarterly		pH	6.5	5.5 - 7.8	pH units
Quarterly		Potassium	34	42	mg/L
Quarterly		Total Organic Carbon	11	45.5	mg/L
Quarterly		EC	9100	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	5.9	12.1
	Quarterly	Fluoride	1.3	NA	mg/L
	Quarterly	Iron	0.77	NA	mg/L
	Quarterly	Manganese	1.3	NA	mg/L
	Quarterly	Nitrate	0.02	NA	mg/L

	Quarterly	pH	6.8	5.5 - 7.8	pH units
	Quarterly	Potassium	35	42	mg/L
	Quarterly	Total Organic Carbon	7	45.5	mg/L
	Quarterly	EC	8180	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	0.58	12.1	mg/L
	Quarterly	Fluoride	0.7	NA	mg/L
	Quarterly	Iron	9.6	NA	mg/L
	Quarterly	Manganese	0.94	NA	mg/L
	Quarterly	Nitrate	0.008	NA	mg/L
	Quarterly	pH	6.7	5.5 - 7.8	pH units
	Quarterly	Potassium	32	42	mg/L
	Quarterly	Total Organic Carbon	8	45.5	mg/L
	Quarterly	EC	8400	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	0.91	12.1	mg/L
	Quarterly	Fluoride	0.5	NA	mg/L
	Quarterly	Iron	19	NA	mg/L
	Quarterly	Manganese	0.66	NA	mg/L
	Quarterly	Nitrate	<0.005	NA	mg/L
	Quarterly	pH	6.5	5.5 - 7.8	pH units
	Quarterly	Potassium	30	42	mg/L
	Quarterly	Total Organic Carbon	8	45.5	mg/L
	Quarterly	EC	10200	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