

Sampled	27/10/2021		Licensee:	Maitland City Council	
Published	8/11/2021		EPL #	6116	
Obtained	8/11/2021				
Sampling Point	Monitoring Frequency	Pollutant	Measurement	Limit	Unit
SW1	Quarterly	Ammonia	0.008	7	mg/L
	Quarterly	Iron	0.14	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	<0.005	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	0.02	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)	240	NA	mg/L
	Quarterly	Ammonia	0.87	7	mg/L
	Quarterly	BOD	<5	NA	mg/L
	Quarterly	Calcium	82	NA	mg/L
	Quarterly	Chloride	190	NA	mg/L
	Quarterly	EC	1880	NA	µS/cm
	Quarterly	Fluoride	0.8	NA	mg/L
	Quarterly	Iron	0.07	0.7	mg/L
	Quarterly	Magnesium	53	NA	mg/L

	Quarterly	Manganese	0.32	1.9	mg/L
	Quarterly	Nitrate	0.26	4.11	mg/L
	Quarterly	OC Pesticide	<0.2	0.1	ug/L
	Quarterly	pH	7.9	5.5-7.8	pH units
	Quarterly	Potassium	29	42	mg/L
	Quarterly	Sodium	220	NA	mg/L
	Quarterly	Sulphate	430	NA	mg/L
	Quarterly	Total Phenolics	<0.1	NA	mg/L
	Quarterly	Total Organic Carbon	18	45.5	mg/L
	Quarterly	Total Suspended Solids	<5	NA	mg/L
GW1	Quarterly	Ammonia	0.017	12.1	mg/L
	Quarterly	Fluoride	0.2	NA	mg/L
	Quarterly	Iron	1.1	NA	mg/L
	Quarterly	Manganese	0.14	NA	mg/L
	Quarterly	Nitrate	0.13	NA	mg/L
	Quarterly	pH	5.5	5.5 - 7.8	pH units
	Quarterly	Potassium	8.5	42	mg/L
	Quarterly	Total Organic Carbon	35	45.5	mg/L
	Quarterly	EC	729	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	<0.005	12.1
Quarterly		Fluoride	0.7	NA	mg/L
Quarterly		Iron	<0.01	NA	mg/L
Quarterly		Manganese	1.2	NA	mg/L
Quarterly		Nitrate	0.56	NA	mg/L
Quarterly		pH	6.9	5.5 - 7.8	pH units
Quarterly		Potassium	4	42	mg/L
Quarterly		Total Organic Carbon	9	45.5	mg/L
Quarterly		EC	8920	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	0.046	12.1
	Quarterly	Fluoride	1.5	NA	mg/L
	Quarterly	Iron	<0.01	NA	mg/L
	Quarterly	Manganese	0.011	NA	mg/L
	Quarterly	Nitrate	2.2	NA	mg/L
	Quarterly	pH	7.4	5.5 - 7.8	pH units
	Quarterly	Potassium	37	42	mg/L
	Quarterly	Total Organic Carbon	8	45.5	mg/L
	Quarterly	EC	7060	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	<0.005	12.1	mg/L
	Quarterly	Fluoride	0.8	NA	mg/L
	Quarterly	Iron	<0.01	NA	mg/L
	Quarterly	Manganese	0.54	NA	mg/L
	Quarterly	Nitrate	0.24	NA	mg/L
	Quarterly	pH	6.9	5.5 - 7.8	pH units
	Quarterly	Potassium	31	42	mg/L
	Quarterly	Total Organic Carbon	7	45.5	mg/L
	Quarterly	EC	7800	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	0.017	12.1
Quarterly		Fluoride	0.6	NA	mg/L
Quarterly		Iron	<0.01	NA	mg/L
Quarterly		Manganese	0.16	NA	mg/L
Quarterly		Nitrate	1.8	NA	mg/L
Quarterly		pH	7	5.5 - 7.8	pH units
Quarterly		Potassium	38	42	mg/L
Quarterly		Total Organic Carbon	7	45.5	mg/L
Quarterly		EC	9750	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