

Sampled	20/01/2022		Licensee:	Maitland City Council	
Published	2/02/2022		EPL #	6116	
Obtained	2/02/2022				
Sampling Point	Monitoring Frequency	Pollutant	Measurement	Limit	Unit
SW1	Quarterly	Ammonia	0.005	7	mg/L
	Quarterly	Iron	0.12	0.7	mg/L
	Quarterly	Nitrate	<0.005	4.11	mg/L
	Annually	BOD	<5	5.9	mg/L
	Annually	Barium	0.045	0.1	mg/L
	Annually	Copper	0.001	0.1	mg/L
	Annually	Mercury	<0.00005	0.0005	mg/L
	Annually	Phosphorus	0.3	1.4	mg/L
	Annually	Zinc	0.036	0.12	mg/L
SW2	Event	Alkalinity (as calcium)		NA	mg/L
	Quarterly	Ammonia	0.088	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	0.04	0.7	mg/L
	Event	Magnesium		NA	mg/L
	Event	Manganese		1.9	mg/L
	Quarterly	Nitrate	0.02	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	0.029	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	0.013	0.12	mg/L	
SW3	Quarterly	Alkalinity (as calcium)	180	NA	mg/L
	Quarterly	Ammonia	0.91	7	mg/L
	Quarterly	BOD	6	NA	mg/L
	Quarterly	Calcium	34	NA	mg/L
	Quarterly	Chloride	94	NA	mg/L
	Quarterly	EC	953	NA	µS/cm
	Quarterly	Fluoride	0.5	NA	mg/L
	Quarterly	Iron	0.06	0.7	mg/L
	Quarterly	Magnesium	22	NA	mg/L

	Quarterly	Manganese	0.07	1.9	mg/L
	Quarterly	Nitrate	0.11	4.11	mg/L
	Quarterly	OC Pesticide	<0.2	0.1	ug/L
	Quarterly	pH	7.8	5.5-7.8	pH units
	Quarterly	Potassium	21	42	mg/L
	Quarterly	Sodium	100	NA	mg/L
	Quarterly	Sulphate	140	NA	mg/L
	Quarterly	Total Phenolics	<0.05	NA	mg/L
	Quarterly	Total Organic Carbon	18	45.5	mg/L
	Quarterly	Total Suspended Solids	20	NA	mg/L
GW1	Quarterly	Ammonia	0.081	12.1	mg/L
	Quarterly	Fluoride	0.1	NA	mg/L
	Quarterly	Iron	1.7	NA	mg/L
	Quarterly	Manganese	0.046	NA	mg/L
	Quarterly	Nitrate	0.02	NA	mg/L
	Quarterly	pH	5.4	5.5 - 7.8	pH units
	Quarterly	Potassium	8.7	42	mg/L
	Quarterly	Total Organic Carbon	39	45.5	mg/L
	Quarterly	EC	288	NA	µS/cm
	Annually	Aluminium	2.6	0.119	mg/L
	Annually	Arsenic	0.002	0.005	mg/L
	Annually	Copper	0.01	0.1	mg/L
	Annually	Mercury	<0.00005	0.0005	mg/L
	GW2	Quarterly	Ammonia	<0.005	12.1
Quarterly		Fluoride	0.6	NA	mg/L
Quarterly		Iron	0.02	NA	mg/L
Quarterly		Manganese	1.7	NA	mg/L
Quarterly		Nitrate	0.098	NA	mg/L
Quarterly		pH	6.5	5.5 - 7.8	pH units
Quarterly		Potassium	29	42	mg/L
Quarterly		Total Organic Carbon	11	45.5	mg/L
Quarterly		EC	9030	NA	µS/cm
Annually		Aluminium	0.02	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
GW3		Quarterly	Ammonia	3.8	12.1
	Quarterly	Fluoride	1.2	NA	mg/L
	Quarterly	Iron	2	NA	mg/L
	Quarterly	Manganese	1.3	NA	mg/L
	Quarterly	Nitrate	0.01	NA	mg/L
	Quarterly	pH	6.7	5.5 - 7.8	pH units
	Quarterly	Potassium	32	42	mg/L
	Quarterly	Total Organic Carbon	7	45.5	mg/L
	Quarterly	EC	7620	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
GW4	Quarterly	Ammonia	0.052	12.1	mg/L
	Quarterly	Fluoride	0.7	NA	mg/L
	Quarterly	Iron	0.02	NA	mg/L
	Quarterly	Manganese	0.9	NA	mg/L
	Quarterly	Nitrate	0.061	NA	mg/L
	Quarterly	pH	6.7	5.5 - 7.8	pH units
	Quarterly	Potassium	28	42	mg/L
	Quarterly	Total Organic Carbon	7	45.5	mg/L
	Quarterly	EC	7710	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
	GW5	Quarterly	Ammonia	0.79	12.1
Quarterly		Fluoride	0.4	NA	mg/L
Quarterly		Iron	11	NA	mg/L
Quarterly		Manganese	0.57	NA	mg/L
Quarterly		Nitrate	<0.005	NA	mg/L
Quarterly		pH	6.5	5.5 - 7.8	pH units
Quarterly		Potassium	26	42	mg/L
Quarterly		Total Organic Carbon	8	45.5	mg/L
Quarterly		EC	9620	NA	µS/cm
Annually		Aluminium	<0.01	0.119	mg/L
Annually		Arsenic	0.006	0.005	mg/L
Annually		Copper	<0.001	0.1	mg/L
Annually		Mercury	<0.00005	0.0005	mg/L