

<b>Sampled</b>	21/01/2021		Licensee:	Maitland City Council	
<b>Published</b>	17/02/2021		EPL #	6116	
<b>Obtained</b>	17/02/2021				
Sampling Point	Monitoring Frequency	Pollutant	Measurement	Limit	Unit
<b>SW1</b>	Quarterly	Ammonia	0.032	7	mg/L
	Quarterly	Iron	0.09	0.7	mg/L
	Quarterly	Nitrate	<0.005	4.11	mg/L
	Annually	BOD	5	5.9	mg/L
	Annually	Barium	0.046	0.1	mg/L
	Annually	Copper	<0.001	0.1	mg/L
	Annually	Mercury	<0.00005	0.0005	mg/L
	Annually	Phosphorus	0.1	1.4	mg/L
	Annually	Zinc	0.02	0.12	mg/L
<b>SW2</b>	Event	Alkalinity (as calcium)		NA	mg/L
	Quarterly	Ammonia	0.051	7	mg/L
	Annually	BOD	<5	NA	mg/L
	Event	Calcium		NA	mg/L
	Event	Chloride		NA	mg/L
	Event	EC ( $\mu$ S/cm)		NA	$\mu$ S/cm
	Event	Fluoride		NA	mg/L
	Quarterly	Iron	0.1	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	0.032	0.1	mg/L
	Annually	Copper	0.002	0.1	mg/L
	Annually	Mercury	<0.00005	0.0005	mg/L
	Annually	Phosphorous	0.05	1.4	mg/L
Annually	Zinc	0.012	0.12	mg/L	
<b>SW3</b>	Quarterly	Alkalinity (as calcium)	200	NA	mg/L
	Quarterly	Ammonia	1	7	mg/L
	Quarterly	BOD	17	NA	mg/L
	Quarterly	Calcium	44	NA	mg/L
	Quarterly	Chloride	110	NA	mg/L
	Quarterly	EC	1200	NA	$\mu$ S/cm
	Quarterly	Fluoride	0.7	NA	mg/L

	Quarterly	Iron	0.02	0.7	mg/L
	Quarterly	Magnesium	29	NA	mg/L
	Quarterly	Manganese	0.084	1.9	mg/L
	Quarterly	Nitrate	0.33	4.11	mg/L
	Quarterly	OC Pesticide	<0.2	0.1	ug/L
	Quarterly	pH	8.9	5.5-7.8	pH units
	Quarterly	Potassium	26	42	mg/L
	Quarterly	Sodium	150	NA	mg/L
	Quarterly	Sulphate	190	NA	mg/L
	Quarterly	Total Phenolics	<0.1	NA	mg/L
	Quarterly	Total Organic Carbon	22	45.5	mg/L
	Quarterly	Total Suspended Solids	30	NA	mg/L
<b>GW1</b>	Quarterly	Ammonia	0.13	12.1	mg/L
	Quarterly	Fluoride	0.1	NA	mg/L
	Quarterly	Iron	2.9	NA	mg/L
	Quarterly	Manganese	0.22	NA	mg/L
	Quarterly	Nitrate	0.05	NA	mg/L
	Quarterly	pH	5.8	5.5 - 7.8	pH units
	Quarterly	Potassium	12	42	mg/L
	Quarterly	Total Organic Carbon	20	45.5	mg/L
	Quarterly	EC	1260	NA	µS/cm
	Annually	Aluminium	0.47	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
	<b>GW2</b>	Quarterly	Ammonia	0.34	12.1
Quarterly		Fluoride	0.5	NA	mg/L
Quarterly		Iron	0.2	NA	mg/L
Quarterly		Manganese	1.2	NA	mg/L
Quarterly		Nitrate	0.02	NA	mg/L
Quarterly		pH	6.5	5.5 - 7.8	pH units
Quarterly		Potassium	32	42	mg/L
Quarterly		Total Organic Carbon	10	45.5	mg/L
Quarterly		EC	9490	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
<b>GW3</b>		Quarterly	Ammonia	3.2	12.1
	Quarterly	Fluoride	1.1	NA	mg/L
	Quarterly	Iron	0.22	NA	mg/L
	Quarterly	Manganese	1.2	NA	mg/L
	Quarterly	Nitrate	<0.005	NA	mg/L

	Quarterly	pH	6.8	5.5 - 7.8	pH units
	Quarterly	Potassium	36	42	mg/L
	Quarterly	Total Organic Carbon	4	45.5	mg/L
	Quarterly	EC	8520	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
<b>GW4</b>	Quarterly	Ammonia	0.39	12.1	mg/L
	Quarterly	Fluoride	0.8	NA	mg/L
	Quarterly	Iron	7	NA	mg/L
	Quarterly	Manganese	0.97	NA	mg/L
	Quarterly	Nitrate	<0.005	NA	mg/L
	Quarterly	pH	6.7	5.5 - 7.8	pH units
	Quarterly	Potassium	29	42	mg/L
	Quarterly	Total Organic Carbon	4	45.5	mg/L
	Quarterly	EC	8340	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	0.00007	0.0005	mg/L
	<b>GW5</b>	Quarterly	Ammonia	0.67	12.1
Quarterly		Fluoride	0.4	NA	mg/L
Quarterly		Iron	19	NA	mg/L
Quarterly		Manganese	0.59	NA	mg/L
Quarterly		Nitrate	<0.005	NA	mg/L
Quarterly		pH	6.5	5.5 - 7.8	pH units
Quarterly		Potassium	29	42	mg/L
Quarterly		Total Organic Carbon	6	45.5	mg/L
Quarterly		EC	10700	NA	µS/cm
Annually		Aluminium	<0.01	0.119	mg/L
Annually		Arsenic	0.014	0.005	mg/L
Annually		Copper	<0.001	0.1	mg/L
Annually		Mercury	0.00031	0.0005	mg/L