

Sampled	12/01/2018	Licensee:	Maitland City Council		
Published	9/02/2018	EPL #	6116		
Obtained	7/02/2018				
Sampling Point	Monitoring Frequency	Pollutant	Measurement	Limit	Unit
SW1	Quarterly	Ammonia	0.06	7	mg/L
	Quarterly	Iron	0.056	0.7	mg/L
	Quarterly	Nitrate	ND	4.11	mg/L
	Annually	BOD	ND	5.9	mg/L
	Annually	Barium	0.055	0.1	mg/L
	Annually	Copper	ND	0.1	mg/L
	Annually	Mercury	ND	0.0005	mg/L
	Annually	Phosphorus	0.05	1.4	mg/L
	Annually	Zinc	ND	0.12	mg/L
SW2	Annually	Alkalinity (as calcium)	200	NA	mg/L
	Quarterly	Ammonia	0.06	7	mg/L
	Annually	BOD	9	NA	mg/L
	Annually	Calcium	39	NA	mg/L
	Annually	Chloride	740	NA	mg/L
	Annually	EC (µS/cm)	5500	NA	µS/cm
	Annually	Fluoride	2.5	NA	mg/L
	Quarterly	Iron	0.012	0.7	mg/L
	Annually	Magnesium	18	NA	mg/L
	Annually	Manganese	0.002	1.9	mg/L
	Quarterly	Nitrate	ND	4.11	mg/L
	Annually	OC Pesticide	ND	0.00001	mg/L
	Annually	pH (pH units)	8.9	5.5-7.8	pH
	Annually	Potassium	9.5	42	mg/L
	Annually	Sodium	42	NA	mg/L
	Annually	Sulphate	1500	NA	mg/L
	Annually	Total Phenolics	ND	NA	mg/L
	Annually	Total Organic Carbon	46	45.5	mg/L
	Annually	Total Suspended Solids	32	NA	mg/L
	Annually	Barium	0.033	0.1	mg/L

	Annually	Copper	ND	0.1	mg/L
	Annually	Mercury	ND	0.0005	mg/L
	Annually	Phosphorous	0.22	1.4	mg/L
	Annually	Zinc	ND	0.12	mg/L
SW3	Quarterly	Alkalinity (as calcium)	380	NA	mg/L
	Quarterly	Ammonia	0.29	7	mg/L
	Quarterly	BOD	9	NA	mg/L
	Quarterly	Calcium	50	NA	mg/L
	Quarterly	Chloride	500	NA	mg/L
	Quarterly	EC	3800	NA	µS/cm
	Quarterly	Fluoride	1.2	NA	mg/L
	Quarterly	Iron	ND	0.7	mg/L
	Quarterly	Magnesium	100	NA	mg/L
	Quarterly	Manganese	0.002	1.9	mg/L
	Quarterly	Nitrate	ND	4.11	mg/L
	Quarterly	OC Pesticide	ND	0.00001	mg/L
	Quarterly	pH	8.9	5.5-7.8	pH units
	Quarterly	Potassium	90	42	mg/L
	Quarterly	Sodium	540	NA	mg/L
	Quarterly	Sulphate	770	NA	mg/L
	Quarterly	Total Phenolics	0.01	NA	mg/L
	Quarterly	Total Organic Carbon	44	45.5	mg/L
	Quarterly	Total Suspended Solids	46	NA	mg/L
GW1	Quarterly	Ammonia	0.22	12.1	mg/L
	Quarterly	Fluoride	0.17	NA	mg/L
	Quarterly	Iron	2.2	NA	mg/L
	Quarterly	Manganese	0.046	NA	mg/L
	Quarterly	Nitrate	0.62	NA	mg/L
	Quarterly	pH	5.7	5.5 - 7.8	pH units
	Quarterly	Potassium	7.9	42	mg/L
	Quarterly	Total Organic Carbon	32	45.5	mg/L
	Quarterly	EC	280	NA	µS/cm
	Annually	Aluminium	2.4	0.119	mg/L
	Annually	Arsenic	0.001	0.005	mg/L
	Annually	Copper	0.005	0.1	mg/L
	Annually	Mercury	ND	0.0005	mg/L

GW2	Quarterly	Ammonia	0.03	12.1	mg/L	
	Quarterly	Fluoride	0.55	NA	mg/L	
	Quarterly	Iron	0.026	NA	mg/L	
	Quarterly	Manganese	1.6	NA	mg/L	
	Quarterly	Nitrate	ND	NA	mg/L	
	Quarterly	pH	6.7	5.5 - 7.8	pH units	
	Quarterly	Potassium	49	42	mg/L	
	Quarterly	Total Organic Carbon	15	45.5	mg/L	
	Quarterly	EC	11000	NA	µS/cm	
	Annually	Aluminium	0.008	0.119	mg/L	
	Annually	Arsenic	ND	0.005	mg/L	
	Annually	Copper	0.003	0.1	mg/L	
	Annually	Mercury	ND	0.0005	mg/L	
	GW3	Quarterly	Ammonia	0.06	12.1	mg/L
		Quarterly	Fluoride	1.3	NA	mg/L
Quarterly		Iron	0.006	NA	mg/L	
Quarterly		Manganese	1.1	NA	mg/L	
Quarterly		Nitrate	1	NA	mg/L	
Quarterly		pH	7.3	5.5 - 7.8	pH units	
Quarterly		Potassium	47	42	mg/L	
Quarterly		Total Organic Carbon	10	45.5	mg/L	
Quarterly		EC	8800	NA	µS/cm	
Annually		Aluminium	ND	0.119	mg/L	
Annually		Arsenic	ND	0.005	mg/L	
Annually		Copper	0.002	0.1	mg/L	
Annually		Mercury	ND	0.0005	mg/L	
GW4		Quarterly	Ammonia	0.04	12.1	mg/L
		Quarterly	Fluoride	0.67	NA	mg/L
	Quarterly	Iron	ND	NA	mg/L	
	Quarterly	Manganese	1.1	NA	mg/L	
	Quarterly	Nitrate	ND	NA	mg/L	
	Quarterly	pH	7.1	5.5 - 7.8	pH units	
	Quarterly	Potassium	44	42	mg/L	
	Quarterly	Total Organic Carbon	11	45.5	mg/L	
	Quarterly	EC	8600	NA	µS/cm	
	Annually	Aluminium	ND	0.119	mg/L	
	Annually	Arsenic	ND	0.005	mg/L	
	Annually	Copper	0.001	0.1	mg/L	

	Annually	Mercury	ND	0.0005	mg/L	
GW5	Quarterly	Ammonia	0.7	12.1	mg/L	
	Quarterly	Fluoride	0.53	NA	mg/L	
	Quarterly	Iron	0.55	NA	mg/L	
	Quarterly	Manganese	0.62	NA	mg/L	
	Quarterly	Nitrate	ND	NA	mg/L	
	Quarterly	pH	6.8	5.5 - 7.8	pH units	
	Quarterly	Potassium	43	42	mg/L	
			Total			
	Quarterly	Organic Carbon	10	45.5	mg/L	
	Quarterly	EC	12000	NA	µS/cm	
	Annually	Aluminium	ND	0.119	mg/L	
	Annually	Arsenic	ND	0.005	mg/L	
	Annually	Copper	ND	0.1	mg/L	
	Annually	Mercury	ND	0.0005	mg/L	