

Sampled	6/04/2016	Licensee:	Maitland City Council		
Published	26/04/2016	EPL #	6116		
Obtained	26/04/2016				
Sampling Point	Monitoring Frequency	Pollutant	Measurement	Limit	Unit
SW1	Quarterly	Ammonia	0.02	7	mg/L
	Quarterly	Iron	0.08	0.7	mg/L
	Quarterly	Nitrate	ND	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	Quarterly	Alkalinity (as calcium)	370	NA	mg/L
	Quarterly	Ammonia	0.25	7	mg/L
	Quarterly	BOD	39	NA	mg/L
	Quarterly	Calcium	100	NA	mg/L
	Quarterly	Chloride	320	NA	mg/L
	Quarterly	EC (µS/cm)	2700	NA	µS/cm
	Quarterly	Fluoride	1.7	NA	mg/L
	Quarterly	Iron	0.049	0.7	mg/L
	Quarterly	Magnesium	64	NA	mg/L
	Quarterly	Manganese	0.46	1.9	mg/L
	Quarterly	Nitrate	ND	4.11	mg/L
	Quarterly	OC Pesticide	ND	0.00001	mg/L
	Quarterly	pH (pH units)	8.6	5.5-7.8	pH
	Quarterly	Potassium	53	42	mg/L
	Quarterly	Sodium	380	NA	mg/L
	Quarterly	Sulphate	570	NA	mg/L
	Quarterly	Total Phenolics	0.01	NA	mg/L
	Quarterly	Total Organic Carbon	62	45.5	mg/L
	Quarterly	Total Suspended Solids	68	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)	320	NA
Quarterly		Ammonia	0.63	NA	mg/L
Quarterly		BOD	8	NA	mg/L
Quarterly		Calcium	60	NA	mg/L
Quarterly		Chloride	350	NA	mg/L
Quarterly		EC	2600	NA	µS/cm
Quarterly		Fluoride	1.4	NA	mg/L
Quarterly		Iron	0.026	NA	mg/L
Quarterly		Magnesium	59	NA	mg/L
Quarterly		Manganese	0.046	NA	mg/L

	Quarterly	Nitrate	0.35	NA	mg/L
	Quarterly	OC Pesticide	ND	NA	mg/L
	Quarterly	pH	8.1	NA	pH units
	Quarterly	Potassium	82	NA	mg/L
	Quarterly	Sodium	350	NA	mg/L
	Quarterly	Sulphate	410	NA	mg/L
	Quarterly	Total Phenolics	ND	NA	mg/L
	Quarterly	Total Organic Carbon	48	NA	mg/L
	Quarterly	Total Suspended Solids	56	NA	mg/L
SW7	Quarterly	Ammonia	0.03	7	mg/L
	Quarterly	Iron	0.56	0.7	mg/L
	Quarterly	Nitrate	ND	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
GW1	Quarterly	Ammonia	0.19	12.1	mg/L
	Quarterly	Fluoride	0.21	NA	mg/L
	Quarterly	Iron	0.84	NA	mg/L
	Quarterly	Manganese	0.23	NA	mg/L
	Quarterly	Nitrate	0.25	NA	mg/L
	Quarterly	pH	6.2	5.5 - 7.8	pH units
	Quarterly	Potassium	9.5	42	mg/L
	Quarterly	Total Organic Carbon	28	45.5	mg/L
	Quarterly	EC	1100	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	0.17	12.1
Quarterly		Fluoride	ND	NA	mg/L
Quarterly		Iron	0.56	NA	mg/L
Quarterly		Manganese	3.3	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
Quarterly		Total Organic Carbon	18	45.5	mg/L
Quarterly		EC	11000	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	8.7	12.1
	Quarterly	Fluoride	1.9	NA	mg/L
	Quarterly	Iron	0.018	NA	mg/L
	Quarterly	Manganese	0.8	NA	mg/L
	Quarterly	Nitrate	ND	NA	mg/L

	Quarterly	pH	7.2	5.5 - 7.8	pH units
	Quarterly	Potassium	39	42	mg/L
	Quarterly	Total Organic Carbon	12	45.5	mg/L
	Quarterly	EC	7900	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	0.54	12.1	mg/L
	Quarterly	Fluoride	1.2	NA	mg/L
	Quarterly	Iron	0.24	NA	mg/L
	Quarterly	Manganese	0.85	NA	mg/L
	Quarterly	Nitrate	ND	NA	mg/L
	Quarterly	pH	6.9	5.5 - 7.8	pH units
	Quarterly	Potassium	39	42	mg/L
	Quarterly	Total Organic Carbon	8.8	45.5	mg/L
	Quarterly	EC	8300	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	1.2	12.1
Quarterly		Fluoride	ND	NA	mg/L
Quarterly		Iron	0.83	NA	mg/L
Quarterly		Manganese	0.61	NA	mg/L
Quarterly		Nitrate	ND	NA	mg/L
Quarterly		pH	6.8	5.5 - 7.8	pH units
Quarterly		Potassium	37	42	mg/L
Quarterly		Total Organic Carbon	7.8	45.5	mg/L
Quarterly		EC	11000	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
GW6		Quarterly	Ammonia	0.91	12.1
	Quarterly	Fluoride	ND	NA	mg/L
	Quarterly	Iron	0.018	NA	mg/L
	Quarterly	Manganese	0.37	NA	mg/L
	Quarterly	Nitrate	0.06	NA	mg/L
	Quarterly	pH	7.6	5.5 - 7.8	pH units
	Quarterly	Potassium	16	42	mg/L
	Quarterly	Total Organic Carbon	11	45.5	mg/L
	Quarterly	EC	11000	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