

HISTORICAL AVERAGES AGAINST THE SEPP GUIDELINES

ANALYTE	AML1	AML5	SEPP WOV GUIDELINES
Temp	15.7	16.3	-
EC	410	1290	<1500
DO	8.0 mg/L	8.7 mg/L	>85%
pH	8.0	8.6	>6.5-<8.3
Turb	80	24	10
TP	0.43	0.35	0.045
TN	1.82	1.15	<6
TSS	50	7.9	-

The above table is a summary of the recent water quality testing from our waterways in the Sands. Amenity Lake 1 (AML1) is the quality of the water when it enters the Sands at the Coast Estate (Mirvac) and AML5 is where it leaves the Sands and enters the Karaaf wetlands. Sepp (State Environmental Protection guidelines) are the targeted minimum standards for water quality. The key measures are TP and TN for nitrogen and phosphorus for nutrients. We impact these but not enough and they are the main cause of the blooms we currently see in our lakes and waterways. The turbidly is way too high and the result of poorly treated stormwater coming into the Sands. The Ph and the electrical conductivity (EC) are OK.