

# The Ovens River Report

This report details the results that we have discovered in the Ovens River this year. The Ovens River is a very well known river in Wangaratta and is well used by the community surrounding it. The Ovens River starts near Harrietville and it flows through Wanaratta into Lake Mulwala and then joins to the Murray River.

The chemical testing for the Ovens river all had excellent results. Below is a table of our readings:

Ovens River at Sydney Beach				
Date	13.5.19	3.6.19	29.7.19	19.8.19
Temperature-WATER	12.7	10.5	11.1	9.6
Temperature-AIR	14.3	11.7	11.4	10.2
pH	6	7	7	7
Electrical Conductivity	52	68	39	54
Reactive Phosphate	0.02	0.01	0	0
Turbidity-NTU	11	9	9	9

The pH is a scale from 0 to 14, 0 being a really strong acid, 14 being really basic. We want our water to be in the middle of the scale at number 7 which is neutral. Our testing recorded at 6,7,7,7 which is the best it can be.

The electrical conductivity recorded at 52, 68, 39 and 54 which was excellent according to the scales.

The reactive phosphorus was recorded at 0.02 0.01 0 and 0 on the scales was very good.

Turbidity is how clear the water is. The turbidity was very healthy our scales measured at 11,9,9 and 9 which was excellent.

Overall the Ovens River at Sydney Beach is a healthy waterway according to our chemical testing this year.

By Lily