

Research Directions

University of
Western Sydney



Office of Research Services



Water Quality in the Manly Dam Catchment

Mr Bruce Simmons from the School of Natural Sciences is working with Warringah Council to research water quality in the Manly Dam Catchment.

Manly Dam is located within the Manly Warringah War Memorial Park in the suburb of Allambie Heights. In the last 25 years there have been a large number of investigations of the Dam and surrounding catchment area into its poor water quality and associated impact on biodiversity and recreation. This research is designed to identify and quantify the causes of these impacts.

Water quality can be affected by many things, particularly, pollution. Three areas that contribute to the Manly dam catchment have been identified as potential pollution hotspots: Wakehurst Golf Course catchment, Aquatic Drive sub-catchment and Cootamundra Reserve. The study will measure the amount of pollution coming from these three sites in wet weather conditions. The analysis of the catchment areas will look in particular for heavy metals, bacteria, nitrogen and phosphorus loads.

'The research will enable us to make recommendations for best management practices based on the analysis of pollution loads and the type of pollution being uncovered' said Mr Simmons. We will also be able to recommend where specific interventions should be carried out'.

Project Title: *Water Quality Monitoring – Manly Dam Catchment*

Research Partner: Warringah Council

Funding has been set at: \$62,864.

Contact Details

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Web Sites

For information about Manly Dam Catchment
http://www.warringah.nsw.gov.au/manly_dam.htm
<http://www.uws.edu.au/about/acadorg/cste/sea>

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