

Lake Burragorang

Australia

Installed February, 2002

Lake Burragorang is located in the Burragorang Valley in South Eastern Australia. Five rivers flow into the reservoir, and it is the major water storage for Sydney. Centre for Water Research is conducting extensive research, and has begun a major project for the Sydney Catchment Authority (SCA). CWR will deliver a sophisticated real-time monitoring and modeling of Lake Burragorang, specifically developing software that will enable quality assurance of the existing monitoring program.

CWR will also provide a real-time incident response model, which will enable the prediction of possible contamination events within the reservoir. The project focuses on a detailed understanding of the reservoir's mixing and characteristics, particularly looking at the nutrients, metals, sediment, pathogens and color.

