

Projects

King River Rural Floodplain Management Plan



Client: North East Catchment Management Authority, Rural City of Wangaratta

In 1997 the North East Catchment Authority became the responsible floodplain management authority for Victoria's North East rivers and streams including the Mitta Mitta, Kiewa and Ovens Catchments. A Regional Floodplain Management Strategy was developed for the region and approved by the Board and the Minister for Environment and Conservation in March 2000. Among other issues the strategy identified and prioritised a number of areas where flood studies were required and floodplain management plans were to be developed. The King River Flood Study and Floodplain Management Plan was identified as having a high priority because of potential flood damages and the damages experienced from the October 1993 and September 1998 floods.

The North East Catchment Management authority commissioned Water Technology to develop the King River Rural Floodplain Management Plan. The study area encompasses the floodplains of the King River from Lake William Hovell to the Hume Freeway, and the downstream 2 kilometres of all King River tributaries.

The study evaluates existing flooding risk to the community and develops a floodplain management plan for the study area. The floodplain management plan provides the North East Catchment Management Authority and the Rural City of Wangaratta with a basis for the appropriate management of the floodplain within a risk management context. The plan addresses land use planning, flood mitigation measures, flood emergency response, flood warning and community awareness and preparation.



As significant historical flood information (historical flood marks and aerial flood photography) was not available for the study area, no formal hydraulic analysis was undertaken to assess flood risk. In leui, the study team undertook a quantative assessment of available flood information to evaluate flood risk.

For more information contact Steve Muncaster (steve.muncaster@watech.com.au).

Services Provided

- Community consultation
- Floodplain modelling
- Risk assessment
- Floodplain management
- Land use planning advice