



Natural Resources
and Environment

AGRICULTURE
RESOURCES
CONSERVATION
LAND MANAGEMENT

1998 Groundwater Monitoring Update for the Community of the Loddon Dryland Plains Region



Groundwater monitoring co-ordinated by the Department of Natural Resources and Environment (NRE) and Sinclair Knight Merz (SKM) provides an important tool in the understanding, measurement and management of salinity across the Loddon Dryland Region in support of the Loddon Dryland Salinity Management Plan (LDSMP). There are in excess of 500 monitoring bores across the region that directly benefit the environmental program of the North-Central Catchment Management Authority.

The actual task of groundwater monitoring is carried out by NRE, Goulburn-Murray Water, contracted monitors (e.g. SKM), and community volunteers.

The main objectives of groundwater monitoring for salinity are:

- to understand groundwater and salinity processes,
- to measure changes in groundwater levels and determine salinity risk across catchments, and
- to monitor the impact of salinity control measures (e.g. trees, pasture and drainage)

This brochure presents a summary of the latest groundwater trends from across the *Upland Fringe* and *Northern Plains Zone* of the Loddon Dryland Region. A similar brochure has been produced for the *Uplands Zone*.



ISBN 0731142888

Centre for Land Protection Research



A business of the
Department of
Natural Resources
and Environment