

Gnangara Land Use and Water Management Strategy

To protect the quality of the valuable groundwater resources in the Gnangara Mound from possible contamination, the Commission is working in cooperation with a number of other government agencies in preparing the **Gnangara Land Use and Water Management Strategy (GLUWMS)**.

GLUWMS was released by the Minister for Planning and Minister for Water Resources in July 1999. Features of the strategy are:

- Recognition of the need for long term protection of our groundwater supplies.
- Integration of the planning, environmental and legal issues to achieve the long-term protection of the groundwater resources;
- Recognition of various commitments such as existing approved land uses, public utility infrastructure and Government policies such as the Urban Expansion and the Basic Raw Materials Policy Statements;
- Protection of important wetlands and remnant vegetation.

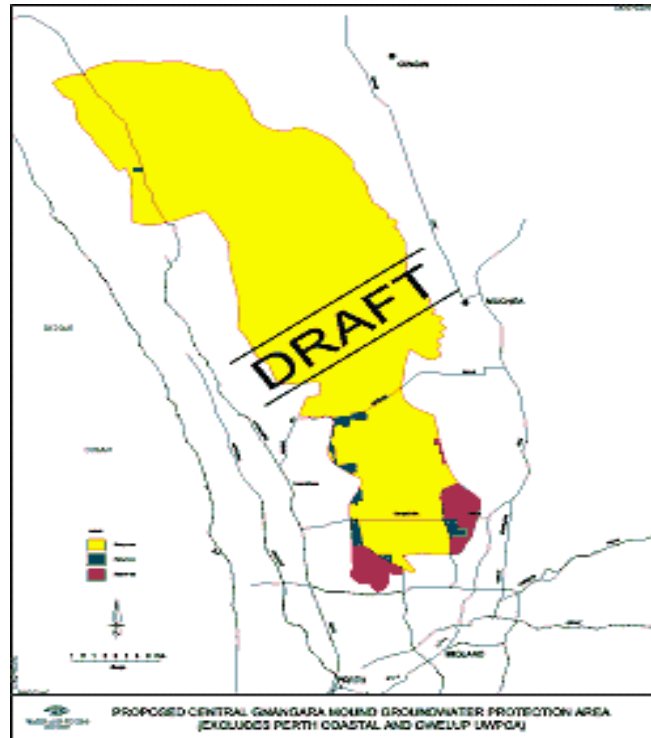
The strategy balances water supply and other land use values on the Mound and assigns Priority 1, 2 or 3 Source Protection Areas. These designations take into account the:

- present and potential use of the water resource;
- land tenure;
- existing zoning and future land uses; and
- local hydrogeology and hydrology.

Current priority areas north of Perth



Proposed priority areas for the central Gngangara Mound



Areas designated for Priority 1 source protection are given the highest protection and are generally in crown ownership.

GLUWMS proposes to recognise the main recharge areas in Perth's master plan (the Metropolitan Region Scheme) by installing Water Catchment reservation over Priority 1 areas and a Rural-Water Protection zone over Priority 2 areas.

Outside the Perth metropolitan region, similar amendments to local town planning schemes will be used to protect groundwater.

The strategy is currently available for public comment until the 30 September, 1999. The subsequent proposed Metropolitan Region Scheme amendment will also involve consultation through a formal public advertising and public submission period, a hearing process and approval by the Minister for Planning and both Houses of Parliament.

Local authorities will then be required to incorporate the changes into their town planning schemes. A copy of the Gngangara Land Use and Water Management Strategy can be found at the Ministry for Planning web site.

The Commission is also involved in establishing the Gngangara Park to protect the groundwater resources of the Mound in the long term