



### > Protecting your drinking water

These plans are developed by the Department of Water in consultation with local communities, state and local government and other interested stakeholders. Government bodies such as the Departments of Health and water service providers such as the Water Corporation are also consulted.

The Department of Water aims to publish protection plans for all of the 139 drinking water sources through Western Australia. So far more than 75 of these have been published.

The support we receive from local communities, state and local government authorities and other interested stakeholders, for both the preparation and implementation of these protection plans, will greatly assist in ensuring the availability of safe, good quality drinking water now and in the future.

### > How to obtain a copy of the *Eneabba Water Reserve drinking water source protection plan*

If you would like to view this protection plan please visit, [www.water.wa.gov.au](http://www.water.wa.gov.au) and select 'Water management', 'Publications', 'Water source protection plans and assessments'. Then scroll down to find the Eneabba Water Reserve plan. If you are unable to access the internet, please call the Department of Water to arrange for a copy of the plan to be posted to you.



Department of Water  
Government of Western Australia

*Looking after all our water needs*

### > Where can I get more information?

A range of other publications, such as water quality protection notes, policies and guidelines, are produced by the department's Water Source Protection staff. To find out if your property is in the area covered by this plan please use the Geographic Data Atlas found on the Department of Water website under 'Maps, data and atlases'. A registry of drinking water sources also exists at 'Water quality', 'Publications', 'Water quality protection notes' or contact the department's Water Source Protection staff on 08 6364 7600.

For more information please visit the Department of Water website [www.water.wa.gov.au](http://www.water.wa.gov.au), and select 'Water quality'.

### > Feedback

We welcome your comments and suggestions on the issues raised in this brochure and the associated drinking water source protection plan. Ultimately the quality of water provided to consumers will depend on everyone working together.

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## Protecting your drinking water sources

### Eneabba Water Reserve Eneabba town water supply



Copies of this document can be made available in alternative formats if requested.

 Printed on recycled paper

## > Drinking water source protection plans

The Department of Water protects and manages drinking water catchments and water reserves in Western Australia. This involves developing and implementing policies and plans based on the *Australian drinking water guidelines*. To maintain the quality of these water supplies we must protect and manage not only the catchments and underground water sources but also the associated storages, treatment plants and distribution systems.

A drinking water source protection plan has been developed for the proposed Eneabba Water Reserve. The risks to the water quality have been identified with the community's help and management strategies for tackling them have been recommended. The main risks are outlined under 'Contamination'.

## > Am I in the Eneabba Water Reserve?



## > Land use

The main land uses in the Eneabba Water Reserve are:

- mineral sand mining
- motocross and rifle range facilities
- light industry
- a drum muster and waste oil recycling depot
- conservation.



While it will be possible for all existing, legally-established land uses to continue, there is a need for those involved to adopt management practices designed to protect the quality of this drinking water source. New developments or expansion of existing land uses may only be supported if they conform with the plan's recommendations.

For more guidance on appropriate land uses please refer to the Water quality protection note: *Land use compatibility in public drinking water source areas*, produced by the Department of Water. To do this please visit [www.water.wa.gov.au](http://www.water.wa.gov.au) select 'Water quality', 'Publications' and then 'Water quality protection notes'. If you are unable to access the internet please call the Department of Water to arrange for a copy of the note to be posted to you.



## > Contamination

Drinking water source protection plans identify sources of potential water contamination. The main water quality risks for the Eneabba are:

- hydrocarbons and chemicals from leaks or spills associated with the oil recycling depot, light industrial uses, motocross facility and roads
- pesticides from residue in drums within the drum muster site
- hydrocarbons, salts and chemicals from mineral sand mining operations
- nutrients and pathogens from septic tank systems in the light industrial area.

Following careful assessment of all potential contamination risks, recommendations have been made whose implementation will ensure the long-term protection of this vital water supply. The main recommendations include:

- expansion of the water reserve boundary in order to better reflect the capture zones of the production bores
- gazettal of the amended boundary under the *Country Areas Water Supply Act 1947*
- incorporation of the plan into the Shire of Carnamah's town planning scheme - to ensure that future land uses in the Water Reserve are compatible
- adoption of best management practices for existing land uses within Eneabba Water Reserve.

