



> 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 Department 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 throughout Western Australia. So far more than 80 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 Nabawa Water Reserve drinking water source protection plan

If you would like to view this protection plan please visit <http://drinkingwater.water.wa.gov.au/> and then scroll down to the link for drinking water source protection plans and assessments. 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

Protecting your drinking water sources

Nabawa Water Reserve Nabawa town water supply



> 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. A registry of drinking water sources within each of the local government areas also exists. To access these resources please go to <http://drinkingwater.water.wa.gov.au/> then scroll down and click on the relevant link or contact the department's Water Source Protection staff on 08 6364 7600.

> 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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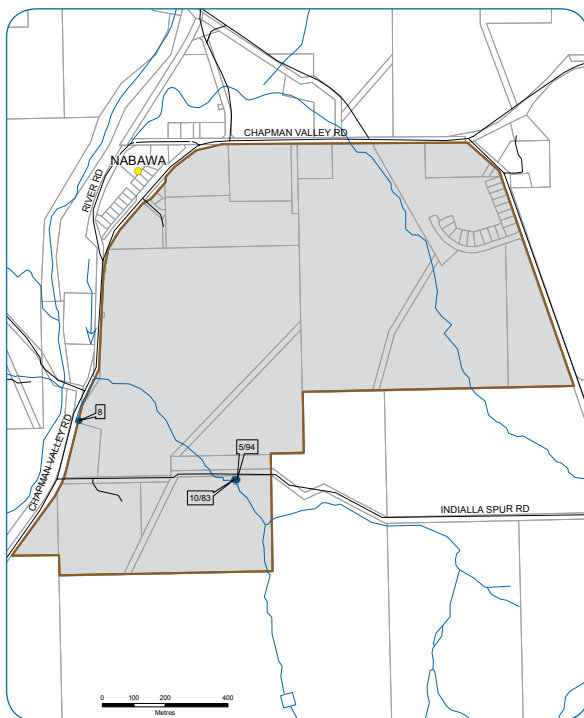
www.water.wa.gov.au

> 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 6, 2004*. 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 Nabawa 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 Nabawa Water Reserve?



> Land use

The main land uses in the Nabawa Water Reserve are:

- cereal cropping
- stock grazing
- an urban area which includes a petrol station, tavern and a low density residential area.



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 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 <http://drinkingwater.water.wa.gov.au/> and then scroll down to the link for 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 Nabawa Water Reserve are:

- nutrients and bacteria from septic tanks
- contamination from spills and leaks of fuels and other hydrocarbons/chemicals
- pesticides and herbicides from chemical use and container dumping
- nutrients and micro-organism contamination from animal excreta.

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

- incorporation of the plan into the Shire of Chapman Valley's town planning scheme to ensure that future land uses in the water reserve are compatible
- current land uses within the water reserve adopting best practice management to protect the water source
- continued surveillance to identify potential threats to the water quality
- putting signs in place to make people aware of the reserve boundaries and promote the need to protect drinking water quality.

