Protecting your drinking water

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

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.

Perth office
Department of Water
168 St Georges Terrace
Perth WA 6000
Telephone: 08 6364 7600
Facsimile: 08 6364 7601
Email: drinkingwater@water.wa.gov.au
www.water.wa.gov.au

Regional office
Department of Water
South West Regional Office
35-39 McCombe Road
Bunbury WA 6230
Telephone: 08 9726 4111
Facsimile: 08 9726 4100

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Looking after all our water needs

Protecting your drinking water sources

Bunbury Water Reserve
Bunbury and Dalyellup water supplies
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 Bunbury 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 Bunbury Water Reserve?

Land use

The main land uses in the Bunbury Water Reserve are:

- residential
- commercial activities, including service stations
- waste disposal
- a basalt quarry
- recreation grounds
- conservation reserves.

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 Bunbury Water Reserve are:

- hydrocarbons and chemicals from leaks or spills associated with service stations, commercial activities, the basalt quarry and residential areas
- impacts from acid sulfate soils associated with new residential development
- nutrient and chemical contamination from fertilisers and pesticides used on residential lawns, parks, recreation grounds and horse racing tracks
- nutrient, pathogen, chemical and hydrocarbon contamination from former landfill sites.

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 the:

- proclamation of the Bunbury Water Reserve under the Country Areas Water Supply Act 1947
- incorporation of the plan into the City of Bunbury’s and Shire of Capel’s town planning schemes
- adoption of best management practices for existing land uses within Bunbury Water Reserve
- assessment and remediation (if required) of potentially contaminated sites within Bunbury Water Reserve under the Contaminated Sites Act 2003.