



Government of **Western Australia**
Department of **Water and Environmental Regulation**



Shire of Broomehill-Tambellup

non-potable strategic community
water supplies plan

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June 2026

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Acknowledgements

Throughout the development of this Strategic Community Water Supply plan several people from the Rural Water Planning section in the Department of Water and Environment Regulation (the Department) were involved:

Sherrie Anderson, Rosie Bell, Tracy Calvert, Mell Culhane, Elizabeth Tanner, Sandy Turton-Parkinson and Renae Thorpe.

The Department would also like to thank the Shire of Broomehill-Tambellup and the Water Corporation for their advice, support and assistance during the preparation of this plan.

For more information about this plan, contact Rural Water Planning on 1800 780 300.

Cover photograph: Broomehill town dam, Shire of Broomehill-Tambellup.

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Summary

Water supply planning is essential in rural areas and requires collaboration, involvement and participation from all stakeholders, including farmland communities, local governments and State Government agencies as part of an integrated approach to sustainable water supply for the future.

This plan provides information for the Shire and farmers on the location of strategic community water supplies (SCWS). It advises how to access non-potable water for emergency stock watering and firefighting purposes, including the facilities available at each site.

Introduction

Over the past 40 years, recurrent water supply problems have affected the dryland agricultural region. Emerging climate changes are likely to increase the occurrences of low rainfall years, resulting in water shortages and restrictions in rural communities.

As farmers face long-term water security challenges, they are encouraged to proactively develop and maintain on-farm water infrastructure to better prepare for dry periods.

Rural water planning recognises the importance of preparing for these events to increase the opportunities for delivering an assured water supply to farmland communities in the dryland agricultural areas of Western Australia (WA).

SCWS planning is one of the key roles of the Department of Water and Environmental Regulation's (the Department's) rural water program. The aim is to safeguard dryland agricultural areas wherever possible against serious water deficiencies.

While landholder self-sufficiency must remain the primary objective, the rural water program recognises the importance of emergency off-farm water supplies to farming communities. It also builds on the SCWS network across the dryland agricultural area through the Community Water Supplies Partnership (CWSP) program and the Agricultural Areas (AA) dam works program.

Both programs establish and improve non-potable water supplies to ensure water is available for emergency livestock watering and firefighting. The CWSP program aims to reduce reliance on potable scheme water supplies for non-potable needs, and to increase water availability for public amenities, such as sportsgrounds.

This SCWS plan has been compiled for the Shire of Broomehill-Tambellup to provide a clear description of each of the SCWS in the Shire available for firefighting purposes, and to farmers and farming communities in times of emergency.

Strategic community water supplies and agricultural area dams

A network of SCWS has been developed across WA's dryland agricultural areas to provide an important source of non-potable water for farming and firefighting needs.

These supplies are for emergency use for firefighting or in times when low rainfall causes on-farm supplies to become depleted and farmers need to travel to access water for livestock and essential farming purposes.

Vesting of the strategic dams and bores in each local government area varies, with some sites owned by government agencies (including the Department), Water Corporation, the local government itself, or by private entities where an agreement has been made to allow access.

It is important that these water supplies are carefully managed to ensure water is available during times of emergency.

The Department keeps in regular contact with rural communities to monitor the condition of SCWS and identify and address any maintenance issues.

Each year, the Department's rural water program undertakes works to maintain and upgrade sites vested with it and sites in priority areas vulnerable to dry conditions.

AA dams have been developed since the early 1990s to provide water and support the growth of farming in the dryland agricultural area. There are about 480 of the original 681 AA dams that range from high value to no value in terms of their condition and serviceability.

SCWS are a subset of the AA dams that are reliable, in good to excellent repair and retain a high value. The Department uses local government maps to determine which sites are worth upgrading and to identify priority areas to develop new SCWS.

Figure 1 shows the location of the SCWS and AA dams in the Shire of Broomehill-Tambellup, with symbols indicating the capacity, vesting and values of each site.

Shire of Broomehill-Tambellup map

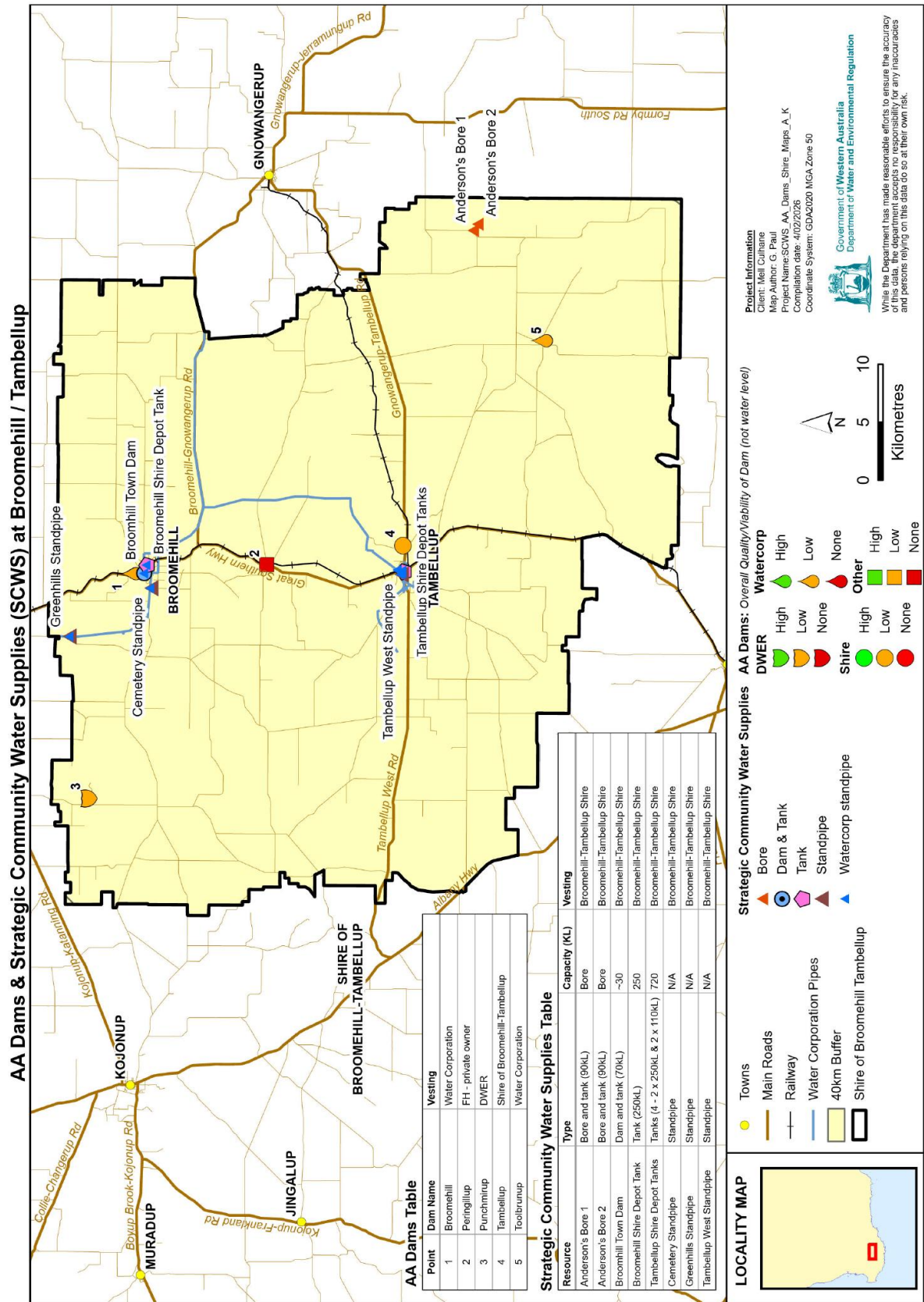


Figure 1- Location of SCWS (at 4 February 2026)

Strategic community water supply access

Overview of different fill points

Each SCWS will have a fill point to allow access to water supply for agricultural purposes. Each fill point will have a camlock fitting. Standard sizes of camlocks include 50 mm (2 inch), 80 mm (3 inch) fitting and in some cases a 100 mm (4 inch) connection is fitted for firefighting purposes. These camlock fittings will be available where there is a tank, standpipe, swipe card system or bore fill point. When accessing water directly from dams without tank storage, you will need to bring your own pump to extract water.

Swipe card systems

Swipe card systems are metered fill points that require a swipe card to access the water supply. Contact your local government office to obtain a swipe card to access these water supplies.

During emergencies such as bushfires, the Shire can switch off the swipe card system to allow access without a swipe card. All local fire trucks have swipe card access. The emergency access contact is the Chief Executive Officer on 0423 109 425 or Works Manager on 0418 955 642.

Farmbots

Some tanks may be fitted with Farmbots, which regularly record the water level and feed the information to a website. Click on the link below (or copy and paste into your browser) to access the website and see water levels in Farmbot-equipped tanks:

app.farmbot.com.au (Login ID: **public.access** Password: **access1**)

Below are examples of different fill points you may find in the local government area.



Standard tank camlock fitting



Farmbot positioned on top of tank



Swipe card standpipe system



Tank, electric swipe card and pump for bore

Shire of Broomehill-Tambellup SCWS sites summary

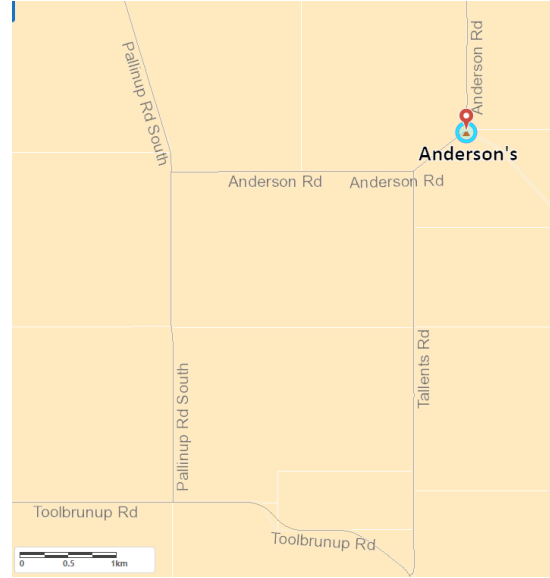
| Site name | Location |
|-----------------------------|---|
| Anderson's Bore 1 | Anderson Road From Formby Road South turn onto Kybelup Rd for 4km then turn into Anderson Road |
| Anderson's Bore 2 | Anderson Road ~ 650m southeast from Anderson's Bore 1 |
| Broomehill town dam | Great Southern Hwy ~ 240m north from Ivy Street West |
| Broomehill Shire Depot tank | Broomehill Shire Depot Tie Line Rd |
| Tambellup Shire Depot tanks | Tambellup Shire Depot Gordon Street off Garrity Street |
| Cemetery standpipe | Broomehill-Kojonup Road, corner of Cemetery Road |
| Greenhills standpipe | Greenhills Road North ~ 5.42km south of Bushy Lane Road |
| Tambellup West standpipe | Tambellup West Road, opposite Donald Street |

Anderson's Bore 1

Anderson's Bore 1 - site images



Aerial view of Anderson's Bore 1



Location map



Anderson's Bore 1 tank and pump/bore housing (June 2022)



Fill point coupling



Inside pump/bore housing

Anderson's Bore 1 - site description

| | |
|---------------------|--|
| Vesting | Shire of Broomehill-Tambellup |
| Purpose | Strategic community water supply for emergency stock water and fire fighting |
| Associated Reserve | Parcel Road Reserve |
| Catchment Type | Bore |
| Catchment Area (ha) | N/A |

Location and coordinates

Location: Anderson Road - from Formby Road South turn onto Kybelup Rd for 4km then turn into Anderson Road

| | |
|-----------|----------------|
| Latitude | -34.095764 |
| Longitude | 117.957573 |
| Eastings | 588331.974056 |
| Northings | 6226812.010790 |

Water supply and access

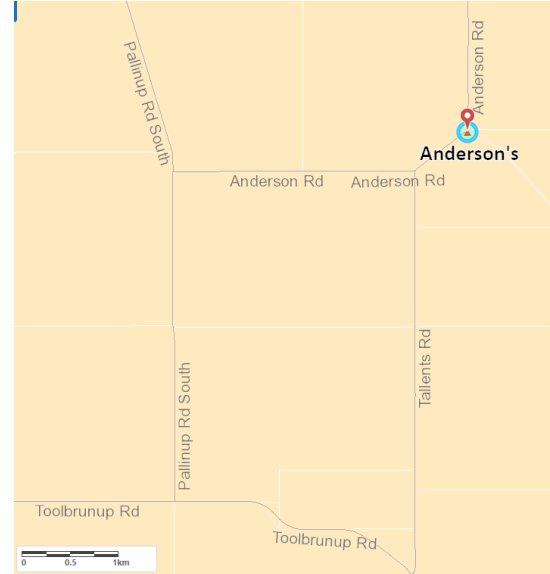
| | |
|---------------------------|---|
| Structure Type | Bore and concrete tank |
| Bore Capacity | Unknown |
| Tank Storage | 90kL |
| Standpipe Y/N | No |
| Pump Y/N | Yes, from bore to tank |
| Heavy Vehicle Access | Yes |
| Turnaround Area | Smaller vehicles |
| Supply Notes | Shire is proposing new water tank to replace concrete tank. Signage needed. |
| Emergency access contacts | CEO 0423 109 425 or Works Manager on 0418 955 642 |

Anderson's Bore 2

Anderson's Bore 2 - site images



Aerial view of Anderson's Bore 2 located ~ 600m south-east from Anderson's Bore 1



Location map



Anderson's Bore 2 tank



Bore and outlet

Anderson's Bore 2 - site description

| | |
|---------------------|--|
| Vesting | Shire of Broomehill-Tambellup |
| Purpose | Strategic community water supply for emergency stock water and fire fighting |
| Associated reserve | Parcel Road Reserve |
| Catchment type | Bore |
| Catchment area (ha) | N/A |

Location and coordinates

Location: Anderson Road ~ 650m southeast from Anderson's Bore 1

| | |
|-----------|----------------|
| Latitude | -34.09928 |
| Longitude | 117.96351 |
| Eastings | 588331.974056 |
| Northings | 6226812.010790 |

Water supply and access

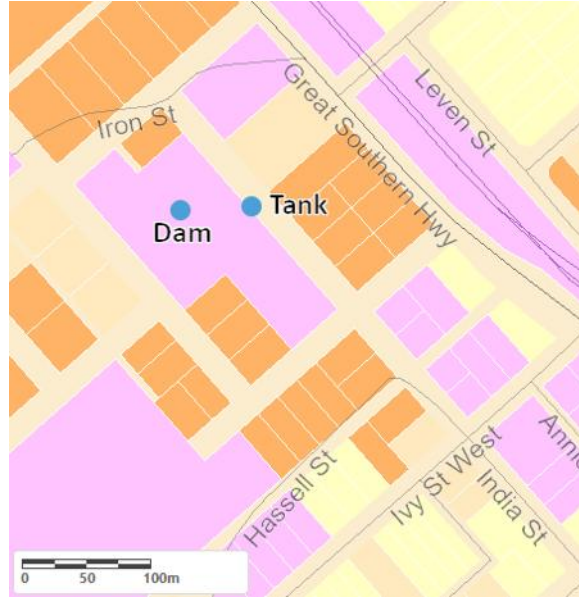
| | |
|---------------------------|---|
| Structure type | Bore and concrete tank |
| Bore capacity | Unknown |
| Tank storage | 90kL |
| Standpipe Y/N | No |
| Pump Y/N | No |
| Heavy vehicle access | No |
| Turnaround area | Yes, small vehicles |
| Emergency access contacts | CEO 0423 109 425 or Works Manager on 0418 955 642 |

Broomehill town dam

Broomehill town dam - site images



Aerial view of Broomehill town dam



Location map



Broomehill town dam



Swipe card system



Broomehill town dam tank



Swipe card outlets

Broomehill town dam - site description

| | |
|---------------------|--|
| Vesting | Shire of Broomehill-Tambellup |
| Purpose | Strategic community water supply for emergency stock water and fire fighting |
| Associated reserve | 16125 |
| Catchment type | Dam |
| Catchment area (ha) | CBH catchment see supply notes |

Location and coordinates

Location: Great Southern Hwy ~ 240m north from Ivy Street West

| | |
|-----------|------------|
| Latitude | -33.84270 |
| Longitude | 117.63557 |
| Eastings | 558802.17 |
| Northings | 6255103.03 |

Water supply and access

| | |
|---------------------------|---|
| Structure type | Earth dam |
| Dam capacity | Unknown ~ 30 000 litres |
| Tank storage | 70,000 litres (Note: tank opposite site is mains non-potable water with swipe card) |
| Swipe card Y/N | Yes |
| Standpipe Y/N | Yes, overhead |
| Pump Y/N | No |
| Heavy vehicle access | Yes |
| Turnaround area | Drive through (caution low branches) |
| Dam supply notes | Water is pumped from CBH then piped to dams near sporting facilities (complex dams) and then into Broomehill town to the town dam |
| Emergency access contacts | CEO 0423 109 425 or Works Manager on 0418 955 642 |

Broomehill Shire Depot tank

Broomehill Shire Depot tank - site images



Aerial view of Broomehill Shire Depot



Location map



Broomehill Shire Depot tank



2" and 3" camlock outlets



Threaded 2" outlet

Broomehill Shire Depot tank - site description

| | |
|---------------------|--|
| Vesting | Shire of Broomehill-Tambellup |
| Purpose | Strategic community water supply for emergency stock water and fire fighting |
| Associated reserve | Broomehill Shire Depot |
| Catchment type | Mains water |
| Catchment area (ha) | N/A |

Location and coordinates

Location: Broomehill Shire Depot located at Tie Line Rd

| | |
|-----------|---------------|
| Latitude | -33.84415 |
| Longitude | 117.64293 |
| Eastings | 559481.98663 |
| Northings | 6254938.56881 |

Water supply and access

| | |
|---------------------------|---|
| Structure type | Tank |
| Tank storage | 250kL |
| Coupling sizes | 2 inch (50mm) and 3 inch (75mm) |
| Swipe card Y/N | No |
| Standpipe Y/N | No |
| Pump Y/N | No |
| Heavy vehicle access | Yes |
| Turnaround area | No |
| Emergency access contacts | CEO 0423 109 425 or Works Manager on 0418 955 642 |

Tambellup Shire Depot tanks

Tambellup Shire Depot tanks - site images



Aerial view of Tambellup Shire Depot



Location map



Tambellup Shire Depot tank 1



Swipe card system (3" & 2" outlets)



Tambellup Shire Depot tank 2



Threaded outlets



3" & 2" outlets



Tambellup Shire Depot tanks 3 and 4

Tambellup Shire Depot tanks - site description

| | |
|---------------------|--|
| Vesting | Shire of Broomehill-Tambellup |
| Purpose | Strategic community water supply for emergency stock water and fire fighting |
| Associated reserve | Shire Depot |
| Catchment type | 250kL filled from roof, 110kL from roof and mains |
| Catchment area (ha) | 0.6 ha |

Location and coordinates

Location: Tambellup Shire Depot Yard accessed from Gordon Street off Garrity Street

| | |
|-----------|---------------|
| Latitude | -34.04375 |
| Longitude | 117.63827 |
| Eastings | 558912.85080 |
| Northings | 6232808.91998 |

Water supply and access

| | |
|---------------------------|---|
| Structure type | Tanks |
| Tank storage | 2 x 250kL tanks plus 2 x 110kL |
| Coupling sizes | 2 inch (50mm) and 3 inch (75mm) |
| Swipe card Y/N | 1 x tank on swipe card on McDonald Street |
| Standpipe Y/N | No |
| Pump Y/N | No |
| Heavy vehicle access | Yes |
| Turnaround area | Drive through road at Gordon Street continuing onto Donald Street |
| Emergency access contacts | CEO 0423 109 425 or Works Manager on 0418 955 642 |

Cemetery standpipe

Cemetery standpipe - site images



Aerial view of Cemetery standpipe



Location map



Cemetery standpipe



Swipe card system

Cemetery standpipe - site description

| | |
|---------------------|--|
| Vesting | Shire of Broomehill-Tambellup |
| Purpose | Strategic community water supply for emergency stock water and fire fighting |
| Associated reserve | R1699 |
| Catchment type | N/A |
| Catchment area (ha) | N/A |

Location and coordinates

Location: Broomehill-Kojonup Road, corner of Cemetery Road

| | |
|-----------|-------------|
| Latitude | -33.84752 |
| Longitude | 117.62162 |
| Eastings | 557508.058 |
| Northings | 6254576.731 |

Water supply and access

| | |
|---------------------------|---|
| Structure type | Overhead standpipe |
| Tank storage | No |
| Coupling sizes | N/A |
| Swipe card Y/N | Yes |
| Standpipe Y/N | Yes, overhead |
| Pump Y/N | No |
| Heavy vehicle access | Yes |
| Turnaround area | Yes |
| Emergency access contacts | CEO 0423 109 425 or Works Manager on 0418 955 642 |

Greenhills standpipe

Greenhills standpipe - site images



Aerial view of Greenhills standpipe



Location map



Greenhills standpipe



Swipe card system

Greenhills standpipe - site description

| | |
|---------------------|--|
| Vesting | Shire of Broomehill-Tambellup |
| Purpose | Strategic community water supply for emergency stock water and fire fighting |
| Associated reserve | Shire road reserve |
| Catchment type | N/A |
| Catchment area (ha) | N/A |

Location and coordinates

Location: Greenhills Road North ~5.42km south of Bushy Lane Road

| | |
|-----------|-------------|
| Latitude | -33.78414 |
| Longitude | 117.57617 |
| Eastings | 553342.606 |
| Northings | 6261628.587 |

Water supply and access

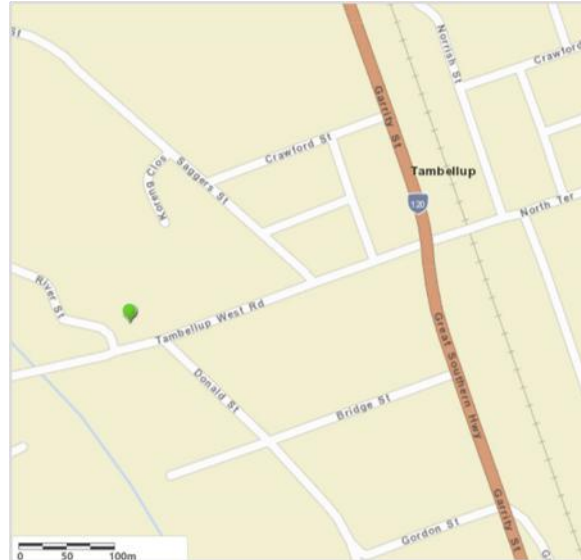
| | |
|---------------------------|---|
| Structure type | Overhead standpipe |
| Tank storage | No |
| Coupling sizes | N/A |
| Swipe card Y/N | Yes |
| Standpipe Y/N | Yes, overhead |
| Pump Y/N | No |
| Heavy vehicle access | Yes |
| Turnaround area | Yes |
| Emergency access contacts | CEO 0423 109 425 or Works Manager on 0418 955 642 |

Tambellup West standpipe

Tambellup West standpipe - site images



Aerial view of Tambellup West standpipe



Location map



Tambellup West standpipe



Swipe card system

Tambellup West standpipe - site description

| | |
|---------------------|--|
| Vesting | Shire of Broomehill-Tambellup |
| Purpose | Strategic community water supply for emergency stock water and fire fighting |
| Associated reserve | Shire road reserve |
| Catchment type | Tanks fed from mains water to supply standpipe |
| Catchment area (ha) | N/A |

Location and coordinates

Location: Tambellup West Road, opposite Donald Street

| | |
|-----------|-------------|
| Latitude | -34.04197 |
| Longitude | 117.63567 |
| Eastings | 558674.313 |
| Northings | 6233008.247 |

Water supply and access

| | |
|---------------------------|---|
| Structure type | Overhead standpipe |
| Tank storage | No |
| Coupling sizes | N/A |
| Swipe card Y/N | Yes |
| Standpipe Y/N | Yes, overhead |
| Pump Y/N | No |
| Heavy vehicle access | Yes |
| Turnaround area | Yes |
| Emergency access contacts | CEO 0423 109 425 or Works Manager on 0418 955 642 |

Glossary

| | |
|------------------------|---|
| AA | Agricultural Areas dam works program. |
| Camlock | A male hose coupling fixed for connection of a water hose. Camlocks can be attached to fill points, such as tanks or standpipes, to allow access to water supply. Camlock sizes vary from site to site and generally include 50 mm (2 inch) or 80 mm (3 inch) as standard. At some sites, a 100 mm (4 inch) camlock is included for firefighting purposes. |
| Catchment types | <p>Earth – land cleared, cambered, and compacted to provide a catchment area for surface water.</p> <p>Bitumen – catchment lined with bitumen to allow capture of surface water.</p> <p>Rock catchment – rock that slopes, has containment walls to capture surface water to a storage source (e.g. a tank or a concrete dam).</p> <p>Bore – a drilled casing that accesses ground water to provide a water supply.</p> <p>CBH – water captured from a CBH grain silo storage facility and stored in a dam or tank.</p> |
| CWSP | Community Water Supplies Partnership program. |
| Farmbot | <p>A device fitted to some tanks that regularly records the water level and feeds the information to a website. Click on the link below (or copy and paste into your browser) to access the website and see water levels in Farmbot-equipped tanks:</p> <p style="text-align: center;">app.farmbot.com.au (Login ID: public.access Password: access1)</p> |
| Fill point | Location where a water supply can be accessed using camlock fittings either via standpipe, swipe card system, tank or bore. |
| Non-potable | Water not suitable for human consumption. |
| SCWS | Strategic Community Water Supplies. |
| Solar pump | A pump powered by solar energy that pumps water from one location to another (e.g. from dam to dam or from dam to tank). |
| Staff gauges | A marker measuring tool positioned at surveyed depths in a dam to indicate water levels. |
| Standpipe | A pipe overhead, on a plinth or raised off the ground to provide a fill point for water supply. |
| Swipe card | A metered fill point requiring a card to be swiped to start pumping system. Contact the relevant local government for further information. |
| The Department | The Department of Water and Environmental Regulation. |
| Vesting | Person or governing agency with responsibility for managing land. |
| Water Corp. | Water Corporation. |

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