



Government of **Western Australia**
Department of **Water**

Community Water Supply Program 2012 -2013

Grant Application

Part A - Proponent Details

1. Project Title

Jacup Emergency Purposes Non-Potable Community Water Supply

2. Proponents

a) Local Government

Shire of Jerramungup

b) Community Group

Nil

3. CONTACT NAMES AND ADDRESSES

Local Government CEO

Name:	Bill Parker		
Address:	2-6 Vasey Street Jerramungup WA 6337		
Telephone:	08 9835 1022	Fax:	08 9835 1161
Email Address:	ceo@jerramungup.wa.gov.au		

2-6 Vasey Street Jerramungup WA 6337

Community Project Leader

Name:	Robert Lester		
Address:	South Coast Highway Jacup		
Telephone:	08 9835 1022	Fax:	
Email Address:	lesterrob@bigpond.com		

Project Manager	
Name:	Shire of Jerramungup
Address:	2-6 Vasey Street Jerramungup WA 6337
Telephone:	08 9835 1022 Fax: 08 9835 1161
Email Address:	ceo@jerramungup.wa.gov.au

Part B - Project Details

4. Project Location

Locality/District Name: Jacup Shire of Jerramungup
Direction And Distance To Nearest Town: 31km to Jerramungup along South Coast Highway

5. Project Description - Summary (refer to details in Project Planning Report if applicable)

Include in this section:

- Location and layout of scheme
- Nature of project (e.g. pipeline extension, new scheme or constructed new dam)
- Scope of work (e.g. length of main, volume of dam, etc)
- State who will be responsible for the operation and maintenance of the scheme after completion.

Concept/Works Required

– Attach Maps, Drawings. Attach Work Plan (if available) or refer to Project Planning Report

The Shire of Jerramungup is proposing to construct a 9,000 – 10,000m³ dam on private property in Jacup. The dam will 'pick up' water from a series of culverts and a sealed road surface.

In consultation with the owner of the property, a license agreement will be established over the dam, pipe easement and tank/standpipe facility to ensure on-going community access into the future. It is also envisaged that a section 70A notification is placed over the title to ensure that the water supply is perpetual should a change in ownership occur.

The Shire of Jerramungup will be responsible for the ongoing maintenance of the infrastructure/equipment and for compliance with the terms of the licence agreement.

6. Project Outcomes

e.g. Decrease water carting and improvement of emergency water supply in the Lake King district.

- Improvement of emergency non-potable farmland water supply in the Jacup district
- Decrease the distances travelled by farmers when it is necessary to cart water from off-farm
- To complete a network of strategic emergency farmland water supplies in the Jerramungup Shire

7. Project Objectives

What are you trying to achieve from the project?

e.g. Construction of a dam for emergency water supply south of Lake King.

- Construction of a dam for emergency water supply east of Jerramungup in Jacup.
- A submersible solar pump
- Piping from dam to the pump
- 186 kL storage tank
- Standpipe
- Gravel turnaround area

Part C - Project Justification and Expected Benefits

- **History of water deficiency (on-property and across community)**
- **Have you (proponents) prepared a Farm Water Supply Plan**
- **Water carting records**
- **Actions implemented to overcome water deficiency**
- **Are there alternatives to the proposed project? Describe and explain why they were rejected or how they could contribute to your project**
- **State number of properties to receive a direct water supply benefit and the number to receive indirect benefit, i.e. access to emergency water supply only**
- **Clearly demonstrate how this project meets the criteria for a CWSP grant**

8. Justification Statement

Although only minimal water carting records can be located, it is well documented that recurrent water supply problems have affected the Jerramungup region for many years. As such, the Shire and the Department of Water has established a number of strategic locations in which emergency water can be sourced. These locations include Houston's CBH Dam, Gairdner Dam and Bremer Bay.

In an effort to complete this emergency water network, the installation of infrastructure at the Jacup community dam is required.

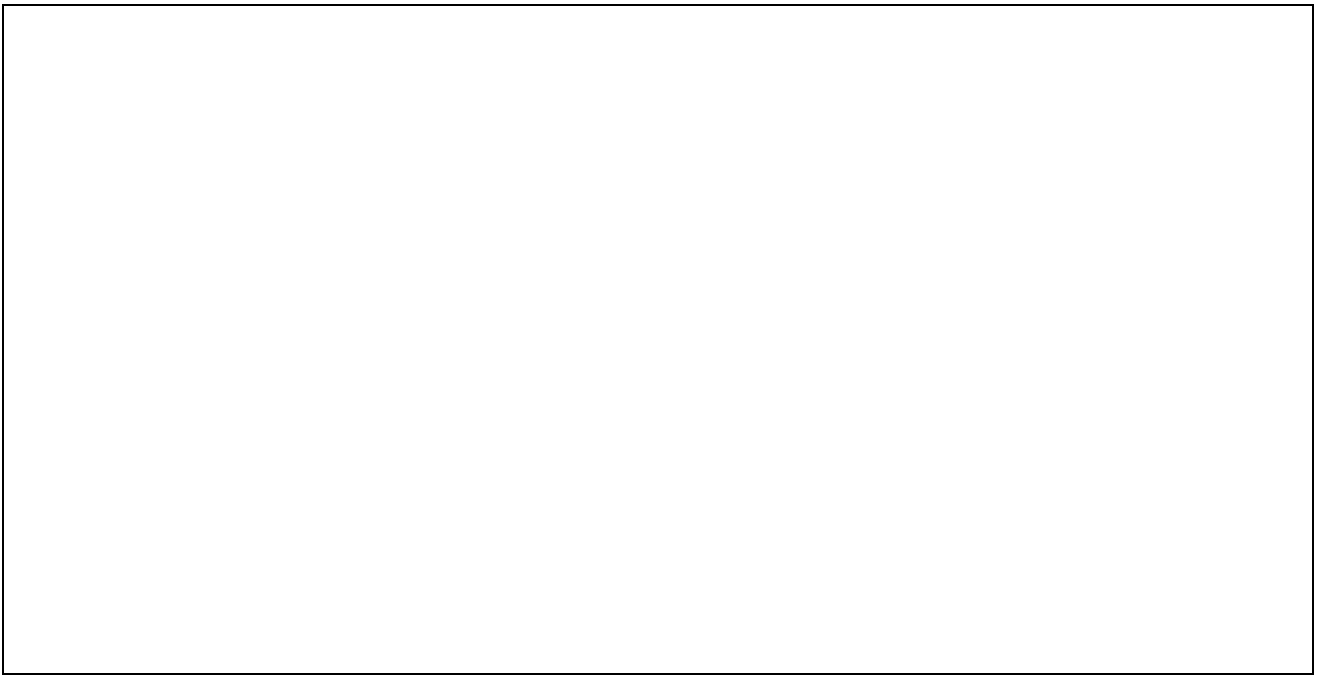
In consultation with the Department of Water, the Shire of Jerramungup identified that approximately 55 properties will benefit from the enhanced services at Jacup.

This project seeks to install infrastructure that will provide non-potable community water supplies for emergency purposes. The installation of this infrastructure will result in the community being better prepared for years of low rainfall.

In completing this application, the Shire surveyed a sample of the 55 property owners to establish stock numbers, cropping areas and water carting history. From these results the following can be ascertained;

1. Approx 4000 sheep per property
2. Approx 2000ha arable area per property
3. Approx 80% of the survey respondents had previously carted water for stock purposes

Based upon the survey commissioned by the Shire, it is apparent that farmers in the Jacup area have significant stock and cropping programs and may need to cart water from outside the farm gate into the future in the event on-farm water supplies fail during extended periods of low rainfall. For this reason, the Shire feels that the Jacup water supply project is justified.



What is the main benefit being sought from this project? What other benefits will the project deliver if approved?

8. Expected Benefit

The benefits that will be derived from this project include;

1. Improving access to emergency water supplies
2. The establishment of a reliable emergency non potable farmland water supply that can be used during extended periods of low rainfall when on-farm water supplies fail.
3. This project will complete a network of emergency water supplies in the Jerramungup Shire which includes, Houston's dam, Gairdner Dam and the Bremer Bay bore that will help to protect the commercial interests of farmers in the Shire against the risk of serious water shortages.
4. Apart from providing water as a backup for on-farm use, a secondary purpose could be for firefighting in the district.

Attach Additional Supporting Documentation to Application

Part D - Estimated Project Costs

- **Specify all sources of funding including cash and “in kind” contributions.**
 - **Clearly indicate funding requested.**
- 9. Breakdown of Costs (refer to details in Project Planning Report if applicable)**

Cost Item/Details	Farmer Community Contribution	Dept of Water contribution	Total Project Cost
Labour			
Install solar pump		\$600	\$600
Operator 1	\$658		\$658
Operator 2	\$658		\$658
Operator 3	\$658		\$658
Operator 4	\$712		\$712
Plant			
Grader inc. over heads	\$1,444		\$1,444
Loader inc. over heads	\$1,368		\$1,368
Side tipper inc. over heads	\$1,121		\$1,121
Materials			
Pipe (500m)		\$1297	\$1297
Joiner		\$178	\$178
Colorbond 186,809L tank	\$6,607	\$6583	\$13,190
Solar Pump System		\$12,433	\$12,433
Gravel (catchment)	\$4,000		\$4,000
Other			
Legal Agreement	\$1,000		\$1,000
Section 70A Notification	500		\$500
Project Contingency	\$3,170		\$3,170
Dam construction		\$30,000	\$30,000
Total Project Costs	\$21896	\$51,091	\$72,987

Part E - Application Endorsement

10. Landholder Support For Project

Attach a list of landholders involved with the application, containing:

- **Name**
- **Postal Address**
- **Location name and numbers of property**
- **Telephone number**
- **Original signature**
- **Certification of support and commitment to cash and in kind contribution**

11. Local Government Support for the Project

Shire Name:

Signature of Chief Executive:

Signature of Shire President:

Date:

Checklist

- Have you completed Part A: Proponent Details?**
- Have you completed Section of Part B Project Details including project objectives and attached maps and drawings?**
- Have you answered questions for Section 7 and 8 in Part C?**
- Ensure you have obtained estimates of project cost and fully completed Part D?**
- Have you attached land holder details and obtained the support of your Shire as required in Part E: Application Endorsement?**
- Have you considered the need for a licence for the abstraction of water from a groundwater source?**
- If you are applying to access a piped scheme water service you will need to establish from the service provider whether the scheme infrastructure has the capacity to deliver the required water**
- Have the proponents (landholders) prepared an individual farm water supply plan for their properties with the assistance of a Farm Water Planner?**
- Have you attached a Project Planning Report (if applicable)?**