



## **BERRI BARMERA LOCAL ACTION PLANNING COMMITTEE** **PROJECT UPDATE**

**Project No:** 0012144  
**Project Name:** Implementation of the Berri Barmera Land and Water Management Plan – Stage 1  
**Updated:** 21 January 2003

This project was designed to fund consultancies which would examine recommendations of the Berri Barmera Land and Water Management Plan

### **Drainage Diversion**

GHD were contracted by the Berri Barmera Local Action Planning Committee to look a drainage diversion in the Berri Barmera area, with a view to decommissioning all drainage disposal basins in the region except for the Berri Evaporation Basin. This study has almost been completed, with the report due shortly.

### **Cobdogla Loveday EPS**

Aim is to develop a robust conceptual model and establish a Salt & Water Balance for a proposed Environmental Pumping Scheme. This project will collect essential data for EPS bore fields. This will involve drilling and the installation of up to eight piezometers and one pump test well. Aquifer tests will need to be conducted at each site, along with groundwater modelling and investigations into disposal options.

The Regional Drainage Disposal Strategy will review Salt & Water balances, and therefore this project will need to build on work from the Regional Drainage Disposal Strategy.

### **Puddletown Outfall**

The Puddletown outfall is currently an open drain which carries drainage water from the Puddletown Caisson to the Berri Evaporation Basin. This drain is currently leaking saline disposal water and needs to be upgraded. If drainage diversion works go ahead, then it is likely that pumps and infrastructure for this outfall will need to be larger than current volumes demand. This study will determine what infrastructure will be required.

If the drainage diversion is not likely to go ahead, then the funds for this project can be spent in conjunction with CIT (who are committed to the upgrade) to install smaller pipes to cope with current demand only at a significantly reduced cost.

## **Cost Sharing Report**

A study to look at possible cost sharing arrangements, partners and stakeholders etc who can contribute to the cost of implementing works recommended in the above three projects. Will need to speak to Karl Mathers from DWLBC.

## **Berri Basin Island – revegetation**

Funds were provided from NHT to investigate options for managing the Berri Evaporation Basin as a saline wetland and revegetating/rehabilitating the Berri Basin Island. The line of thinking was such that the height of the island could be raised by approximately one metre, thus allowing revegetation to occur away from the saline groundwater table. The island could possibly be used as a breeding ground for endangered animal species.

It is unlikely that this project would ever succeed in securing funds to implement on-ground works, and the committee should consider abandoning this project.