



CARLISLE

Project Summary

**Land and Environment Recover Project
Dawesley River**

Community Engagement Developed By

Carlisle Environment and People Development

Key Collaborators

Mount Barker District Council

Landcare Management Group

Brukung Country Fire Services

Revision Date

16th February 2016

1. Environment Recover Project Dawesley River

Project Overview

The project will rehabilitate the water ways from Bird in The Hand to Kanmantoo to stop the propagation of the noxious weed “Gorse Bush” and removal debris from the banks. The gorse bush over the last 5 to 10 years has propagated to an uncontrollable level overtaking native vegetation and becoming a major fire hazard close to hills villages. The creek feeds down steam into the Coorong catchment area and affects the water flow downstream.

Gorse is a major problem in native vegetation and forestry where plants compete strongly with young trees and thickets, increasing the fire hazard along the edges of plantations. It will also grow in pasture paddocks, resulting in lower carrying capacity and providing harbour for vermin. In the long term, soils under gorse become more acid and lose nutrients.

The project would be managed by Carlisle Land and Water Development in collaboration with The Land Care Management, Mount Barker Council, South Australian Murray-Darling Basin Natural Resources Management and Country Fire Services The project will enhance the work being done at Brukunga Mine Rehabilitation and help the waterways return to a healthy state key supporter of the project will be Centre Link “work for the dole”, CEG Training Partnerships Learning Centre Mount Barker.

The job model will create opportunities that directly support long-term environment sustainability and water management. The model will create permanent employment of up to 20 people in regional South Australia in land management (support the down turn in mining); the supervisors will lead a team of unemployed trainees of groups of 10 working on selected areas of the waterways as per the approved rehabilitation plan. The trainees will undertake a Certificate II Conversation and Land Management.

There has already been a lot of investment on this problem and if the source of the seed bank is not addressed, the pest plant will spread throughout the entire catchment as far as Lake Alexandrina.

2 Carlisle Environment and People Development

Carlisle Environment and People Development is a not for profit company established to support community based projects in the Adelaide Hills and south east regions of South Australia. The CEO has been managing major project in South Australia for over 5 years including Youth Employment Project disengaged youth from northern Adelaide into employment, connecting Aboriginal People to Mining (CAPM) and various smaller programs in collaboration with CEG Training Partnership. The CEO has established since 2010 Carlisle Learning and Develop a training consultancy company suppling project management to companies such as Exact Mining.

3 The Start Up Project Supervision Team

The workplace supervision will be an experience team that rotate to each group developing key skills in the trainee training plan.

- Rob Paul Civil works and mining construction
- Jim Richards Landscape Gardener and Licence Builder
- Trevor Gregory Civil Contractor
- Jarrad Tate Adelaide Hills Garden Horticulturalist

4 Qualification in Certificate II Conversation and Land Management (AHC21010)

The program will aim at creating a social and environment program for people who have been displaced from their employment due to a down turn in the economy. This qualification provides an occupational outcome in conservation and land management. The work would be carried out under general guidance and supervision. The qualification enables individuals to select an indigenous land management, conservation earthworks, lands, parks and wildlife or natural area management context as a job focus or a mix of these.

The trainees will undertake 8 hours of training and 16 hours practical workplace development per week. The program will also develop individual leadership, team work, interview skills and workplace communication.

5 Dawesley Creek and Waterways Gorse Eradication Program

The gorse bush affects all of the council areas, the seeds from these pest plants are carried downstream causing problems for landowners and councils. PIRSA sprayed the plants south of the old Brukunga Mine some years ago and the Landcare group has been trying to carry on the work, however, the cost and availability of trained staff is a problem. This program will direct labour and resources into the support of the Land Care Management Group and carry on the work started by PIRSA.

The program will play a major part in fire hazard reduction surrounding the waterways especially close to the towns and villages. There have been several incidents near to the villages last fire season close to the waterway that if not for the quick response from CFS could have ended up in a major fire into the villages. The waterways are home for many native wildlife and so the gorse bush will need to be removed rather than burnt this program will take the pressure off CFS volunteer fire hazard reduction programs.

Dawesley Creek 2009 Was



6 Dawesley Creek 2015 Now



“This will be an environmental as well as an economic disaster”.

Overgrown natural vegetation



Restricting water flow



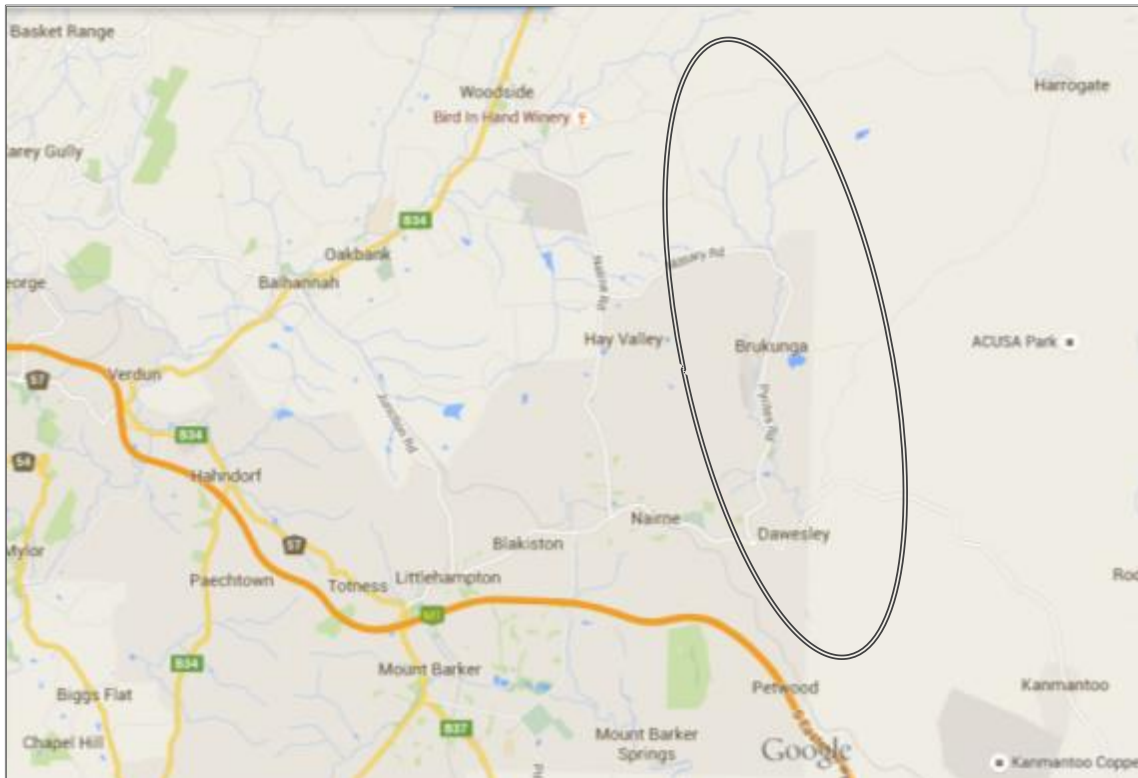
Fire access road over grown



“Or has it already happen”?

7 The Project Geographical Region

The map indicates the area that the project will cover from Bird in The Hand in the north to Kanmantoo in the south. There will be 4 work groups that will be allocated a section of the waterway to start remediation. These areas will be agreed in collaboration with the regional organisation, the base of the operation will be the Brukunga Fire Services Training Centre.



The training will be delivered from The Carlisle Learning Centre 20 Oborn Road Mount Barker by CEG Training Partnerships. The project and job management will be coordinated by Carlisle Environment and People Development.