

Carbon Neutral Program



Site 53, 106	Flaxley, South Australia	
Protection	100 years	
Registered on Title	Yes, September 2009	
Planted	2007-2009	
Method	Direct Seeding supplemented by tubestock in each subsequent year	
Target	2007 planting	7550 trees and shrubs
	2008 planting	8124 trees and shrubs
	2009 planting	9126 trees and shrubs
First Audit results	2007 planting	19,572 trees and shrubs
	2008 planting	11,551 trees and shrubs
	2009 planting	7,300 trees and shrubs
Final Audit due	June 2013	

Funded through donations from:

2007 season planting:

Elderton Winery, Finsbury Green Printing, Brown Falconer, Able Plastics, Aura Objects, Blacks Veterinary Services, Brown Brothers Pty Ltd, Complete Removals, Consistent Pork, Green Motor Company Pty Ltd, Jane Manifold Photography, Kearney Financial Services, Melrose Primary School, Metrotech, Orlando Wines, SA Great, Adelaide and Mt Lofty Natural Resources Management Board, Solar Cities Congress 2008, Sorensen Architects, Streamline Environmental Consultants, Taming the Beast, Tandem Graphic Design, Trees For Life, Two Dogs Media, G Russell, N Harry, P Hackworth, G Colombe, P Smith, G Paulik

2008 season planting :

Royal Automobile Association of SA Inc, Motor Accident Commission, Pernod Ricard Pacific, Satisfac Credit Union, Abbott Printers & Stationers and Shearer + Elliss Chartered Accountants

2009 season planting:

Elderton Wines, Motor Accident Commission, Whyalla Veterinary Clinic, Adelaide Convention Centre, Go For Green, Adventure Bay Charters, South Australian Wine Industry Environmental Conference 2009, Satisfac Direct Credit Union Limited, Marketing Naturally, Whyalla Veterinary Clinic, Barry Plant Real Estate, South Australian Tourism Industry Council, J Critchlow, A Platt

Species planted on site:

Eucalyptus sp: camaldulensis, cosmophylla, fasciculosa, leucoxydon, obliqua, baxteri, viminalis, viminalis cygnetensis

Acacia sp melanoxydon, myrtifolia, paradoxa, pycnantha, acinacea, retinodes (hill form), verniciflua

Allocasuarina sp: verticillata, muelleriana, striata

Leptospermum sp: continentale, lanigerum

Callistemon sieberi

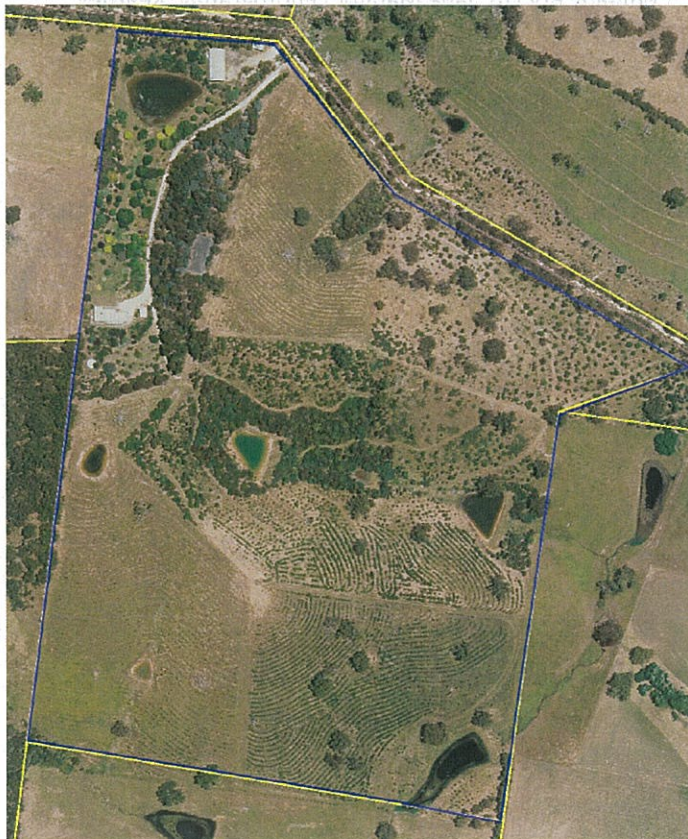
Dodonaea viscosa spatulata

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The Site:

Located 9 kilometres south-west of Mt Barker, South Australia, Carbon Neutral is creating a carbon sink on 20 hectares of this private landholding over a four to six year period using a variety of species with appropriate local provenance. Due to the steep nature of the land, a combination of hand and machine direct seeding and tubestock interplanting has been used. The species associations on site are dominated by *Eucalyptus obliqua* (Messmate stringy bark) woodland.



Aerial photo of the site showing progress of the various revegetation areas

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Site Update: October 2011

A stem audit was conducted on 21st April 2011.

The audit reveals a total of 38,423 plants establishing across all the revegetation zones. Whilst this exceeds the projected 24,800 plants, there are dense clusters of predominantly acacias that will in time thin due to competition, similar to events of mass germination after fire or other disturbance events.

More than 300 seedlings were planted by the landholder this winter, mainly under-storey plants.

This site will be studied by a University of South Australia student to look at the different types of revegetation undertaken over the years and its ability to support re-establishing indigenous bird populations.

Photo Point 1 – area planted 04-Sep-2007



February 2008



February 2011

Photo point 2 – area planted 04-Sep-2007:



February 2008



February 2011

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Photo Point 3 -area planted 25-Sep-2008:



March 2009



February 2011

Photo Point 4 - area planted 25-Sep-2008:



March 2009



February 2011

Next site report and photopoint update due: February 2012