



Trees For Life

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October 12, 2009

Dear Cam and Alastair

Thanks for your support again this year.

Enclosed is the site report for your 2008/09 subscription. Your planting site is at **Mannum**, South Australia. The progress of this planting as well as last year's planting at Flaxley (which is looking great) can be monitored on our website anytime and are updated roughly every six months.

Our plantings are done by the direct seeding method. This means that seeds remain dormant in the soil until enough rain falls to favour germination. The plants can continue to emerge for several years. As a result, the plantings are less prone to failure due to a dry season, germination is at different rates and the planting looks more natural in the longer term. It also means that in the first few years the results look fairly low key as the seeds put down extensive root systems before commencing significant leaf growth. The plants are protected by a legal covenant for 100 years and we undertake to continue to back fill the plantings until the target number of plants has been reached. If you would like to see what the planting will look like at about 5 years, refer to our Monarto site report on the website. We first commenced planting there in 2002 and the report shows the development of the plantings over a number of years.

If you have any questions about your sites please do not hesitate to contact me.

Yours sincerely

Carmel Dundon
Chief Executive Officer

Trees For Life

Carbon Neutral program

Planting Site ~ 2008 & 2009

Mannum, South Australia

Carbon Neutral will revegetate 25 hectares of this 50 hectare property which lies on the cliff tops of the River Murray just north of Mannum. Approximately 10 hectares was direct seeded in June 2008 and the remaining 15 hectares was sown in June 2009.



Addressing such problems as soil erosion, water quality and salinity, and adding biodiverse habitat to this region are important additional benefits of revegetation efforts to off-set greenhouse gasses.

This site has been direct seeded using local provenance seed sourced from native plants within the area.

The direct seeding was undertaken using the 'V' blade seeding machine. The 'V' blade seeder is mounted behind a tractor and is utilised in low rainfall areas and on sites that have sandy soil. It allows for the process to be chemical free if required as it scrapes the top soil and weeds from around the immediate planting site.

Planting Dates:

Direct seeding undertaken on 27th June 2008 over 10ha.



Looking east across the revegetation site to the River Murray.
Photo taken on 9th January 2008



Overlooking the revegetation site.
Photo taken on 9th January 2008

Direct seeding the site 27 June 2008





16 January 2009



Second year planting 13 May 2009

Many plants survived the extreme weather of the first season but some back filling will be necessary if another dry season follows. With direct seeding germination can continue for up to three years.



May 2009



New season germination in August 2009 – it is clear from the photo that rain has been scarce since the previous visit in May

Species Planted on Site:

Acacia sp: *brachybotra*, *hakeoides*, *ligulata*, *microcarpa*, *nyssophylla*, *oswaldii*, *pycnantha*

Callitris gracilis

Dodonaea viscosa angustissima

Enchylaena tomentosa

Eucalyptus sp: *brachycalyx*, *calycogona*, *gracilis*, *leptophylla*, *oleosa*, *phenax*, *porosa*, *socialis*

Melaleuca lanceolata

Pittosporum phylliraeoides

Rhagodia sp: *crassifolia*, *parabolica*

Senna artemisioides mixed ssp.

Carbon uptake:

The carbon target for this site is 1,250 tonnes CO₂e sequestered over 100 years.

Carbon Offset Subscription Status:

The 2008 planting is now fully subscribed thanks to Jackman Parker Evans, Eco Pest Control, Centre for Sleep Research - University of South Australia, Medical Board of South Australia, Rotary Club of Adelaide, CDAA, Shearer + Elliss Chartered Accountants, Grosset Wines and Envestra Ltd.

The 2009 planting is now fully subscribed thanks to Satisfac Credit Union, Elderton Wines, Thorpe – Bowker, Tony Zappia MP