



2011 Winter Planting Season

Coastcare groups in the Perth Metropolitan area had a very successful winter planting season, with nearly 30,000 native seedlings going into revegetation projects across the region.

Levels of rainfall were higher than last year's very dry season, which meant some very wet and windy planting sessions, but also should see these plants off to a good start!

In addition to the usual regular volunteers who always put in a huge amount of work at this time of year, many additional groups have showed support to our Coastcare groups, including Hale School, Scotch College, University of WA Guild, UWA St Catherine's College, West Coast TAFE, Girl Guides Association, Mullaloo Sea Cubs and Scouts, and Conservation Volunteers Australia.



TOP LEFT Mullaloo Beach (Sea Cubs and Scouts assisting JCCCF)
TOP RIGHT Mudurup Rocks, Cottesloe with UWA St Catherine's College
BOTTOM LEFT Swanbourne Beach, Swanbourne Coastal Alliance
BOTTOM RIGHT JCCCF volunteers at work on the Iluka Foreshore

Conservation Volunteers and Woodside Coastal Program

Woodside has once again shown their support for the metropolitan coastal environment this year, through a funding partnership with Conservation Volunteers Australia (CVA).

This funding has enabled seven weeks of on-ground coastal activities to be undertaken by Conservation Volunteers in conjunction with existing Coastcare group rehabilitation projects, as well as a series of corporate involvement events that allow Woodside staff to spend a day volunteering their time to Coastcare projects.

Throughout August and September CVA and Woodside staff will be working on projects in Swanbourne, City Beach, Mettam's Pool, North Beach, Sorrento, Mullaloo and Iluka, as well as Coogee Beach and South Beach in the south metro area.

Woodside volunteers at Sorrento Beach



Kwinana Beach Horse Exercise Infrastructure Upgrade

With the Larkhill Thoroughbred Training facility located within the City of Rockingham and the impending closure of neighbouring equine coastal training facilities south of the river, the City of Rockingham has implemented a series of upgrades to its horse exercise infrastructure in north Rockingham.

With the Larkhill Thoroughbred Training facility located within the City of Rockingham and the impending closure of neighbouring equine coastal training facilities south of the river, the City of Rockingham has implemented a series of upgrades to its horse exercise infrastructure in north Rockingham.

Located near the municipal boundaries between the Town of Kwinana and the City of Rockingham and in the shadow of the CBH Grain Terminal, the City of Rockingham has anticipated an increase in patronage and as a result has invested in multiple upgrades to this coastal asset. Improvement strategies have included passive surveillance increases in correlation with CPTED (Crime Prevention through Environmental Design) principles; fence upgrades; the construction of a horse wash down bay and the rehabilitation of coastal dunes suffering under the impacts of weed invasion, namely *Euphorbia paralias* commonly known as Sea Spurge.

Consultation with industry stakeholders revealed the need for specialised fencing and design specifications

for the horse wash down facility. The beach entry paths and the foreshore area were sifted for larger limestone particles and shells to prevent hoof injuries to some very valuable horses.

The City looks forward to having the next Melbourne Cup winner relaxing down at the City of Rockingham horse beach in the near future.



Secret Harbour Surf Lookout Re-Location

With the impending winter surf season fast approaching and many surfers scrambling to locate the perfect wave, the City of Rockingham has taken the lead and assisted local surfers in Secret Harbour by relocating important coastal infrastructure.

The dynamic nature of the coastal environment coupled with surfers need to obtain the highest vantage point to source the best surf breaks had seen the existing lookout almost completely buried into the shifting sands of the Quindalup Dunes.

As a result, much of the surrounding dunes have become denuded of important endemic coastal vegetation, critical in stabilising coastal dunes and exacerbating the movement of sand on the powerful coastal winds.

The City engaged the services of Foreshore Rehabilitation and Landscaping to prepare the new site, relocate the lookout and reinstate the site upon completion.

An excavator was used to dig out the buried lookout and move it to an adjoining dune. Fences were strategically located to protect existing and future vegetation, a 10 metre recycled plastic board and chain access ramp was installed to the lookout to prevent wind blown erosion and to provide stabilisation in the shifting sands.

The old site was then brushed with *Acacia rostellifera* and plants including species such as *Atriplex*, *Olearia*, *Lepidosperma* and *Carpobrotus* were then planted to rehabilitate the site.

The end result has seen ageing coastal infrastructure repaired and reborn and the rehabilitation and stabilisation of a moving dune system at the main surf break in Secret Harbour.

The search for the surfing 'Green Room' continues.....

IMAGES FROM LEFT TO RIGHT
Lookout buried, Lookout extracted, Lookout relocated



Coastal Walk Trail in the City of Joondalup

The City of Joondalup has recently launched a new Coastal Biodiversity Signage Trail, beginning at Burns Beach and heading south along the dual-use path.

The trail includes information relating to coastal and marine biodiversity and habitats, local heritage, history, flora and fauna, and is a fantastic asset to this scenic coastal route.

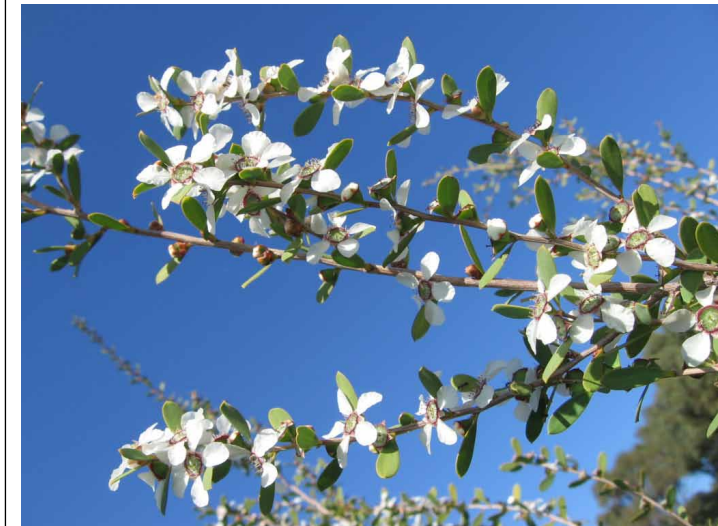
The project was made possible through funding from Lotterywest.

South Coogee Primary at the Marine Discovery Centre

Thanks to the City of Cockburn and Verve Energy, students from South Coogee Primary School travelled to the Department of Fisheries Marine Discovery Centre in Hillary's to learn about sustainable fishing, how to collect and identify plankton and to experience the wonders of the marine world in the touch pool and selected fish tanks.

Students gained hands on experience in marine science when they scooped plankton from the harbour then using microscopes, identified the samples to determine if they were plants or animals and discussed their importance in the coastal food chain.

The opportunity to gently handle fish and other marine animals in the touch pool was a unique experience and one that we hope will be remembered by the students when they are at the beach.



Can you name these coastal plants?