



Shoalhaven
City Council

SHOALHAVEN BUSHCARE GROUP/SITE PLAN 2007

CONTACT INFORMATION

Group Name : Nowra Veteran Golfers Bushcare group	
Contact : Stuart Crowther	
Address : 4 Amber Place Bomaderry	Email : scrowther@shoal.net.au
Reserves Name : Greys Beach and Escarpment	Reserve: No NNN08
Land Tenure : SCC	Common Land Type : Bushland and Natural Area.

1. Please provide a brief description of your group's proposed project.

The aim of the group is to :-

1. Continue to regenerate the Grey's Beach Escarpment area including the rain forest areas.
2. Continues removal of any environmental & noxious weeds from the escarpment area using both mechanical and chemical methods.
3. Where possible work in cooperation with other Bushcare Groups in the near vicinity.
4. Undertake planting of suitable trees along the river bank within the boundaries of the golf course.
5. To bring to the attention of the necessary authorities the need for river bank protection work on the boundary with the Shoalhaven River.
6. Promotion of bushcare work and our group.

2. Site Map and Group Activities

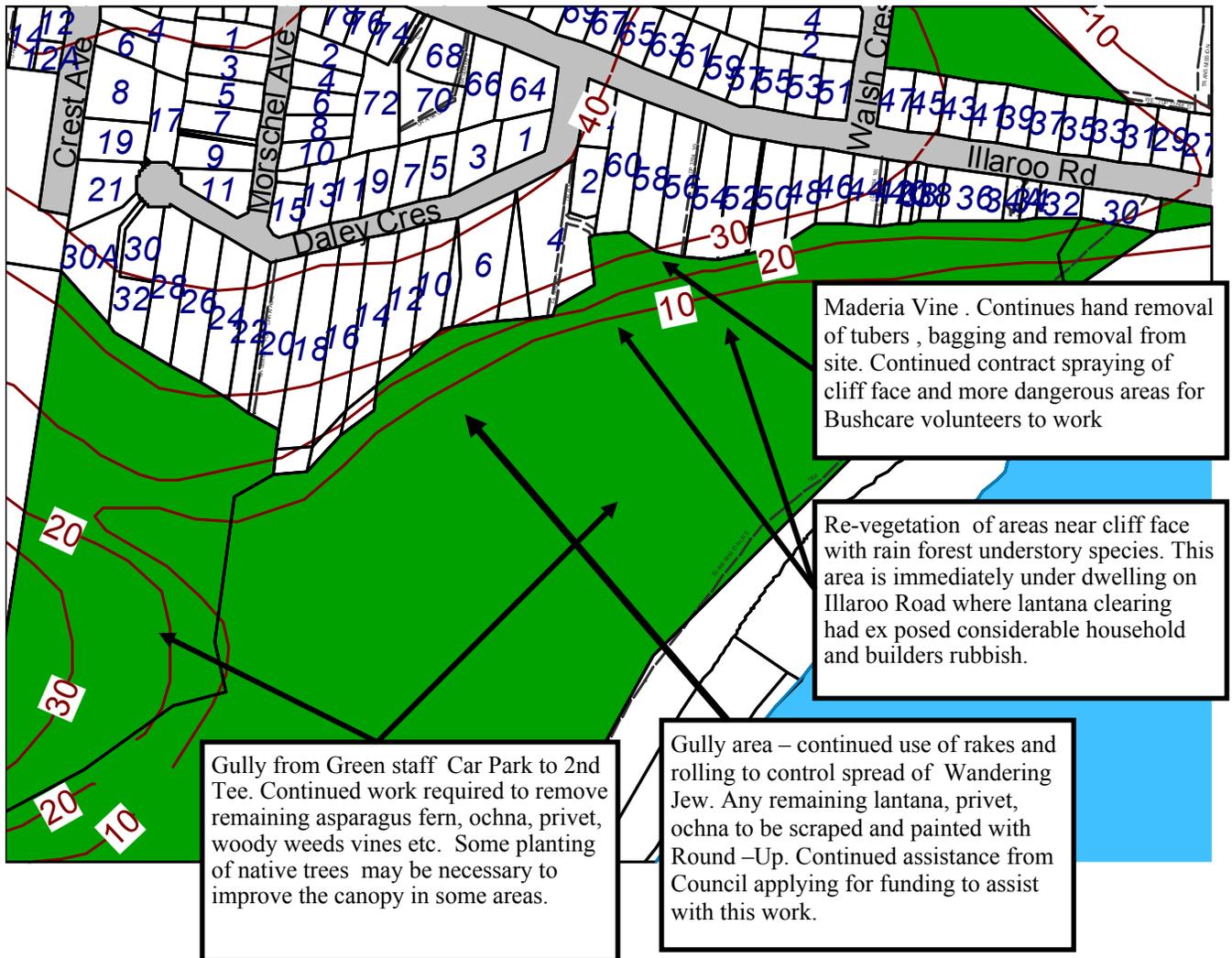
Show on the site/mud map what sort of short to long term activities you would like to achieve (choose from the list below or include others on your site map with list and description where required).

1. Bush regeneration and re-vegetation – continued work on the escarpment. Removal from the river bank of Coral Trees and Camphor Laurel trees from areas near the escarpment. Funding for this work has already been approved.

2. Nursery Construction – construction of a small shade house for the purposes of :-

- a. Propagation of native trees, shrubs and ground cover which may be used on various sites.
- b. Propagation of native grass for river bank protection.
- c. Potting up of transplants elsewhere on site to increase the diversity of native species for canopy and under-storey. Plants to be available also for Grotto and Daley Crescent Bushcare Groups

SITE PLAN – Please indicate North and all work done to date



- * Target a few select areas of diverse native ground covers and transplant these to other areas to further encourage spread of species through the area.
- * Clear only areas of dead branches etc where such material is likely to effect the playing of golf or be of danger to players. To a distance of 25 metres from the edges of the playing area.
- * Cutting down of all dead and dangerous trees which could fall on golfers or volunteer workers should be carried out as soon as possible by contractors. Report these to Council Tree Management Officer to assess as identified by Bushcare group and Course Superintendent.

SHOALHAVEN BUSHCARE GROUP ACTION PLAN (To be included with site map)

NOTE : Priority should be rated as H = high with 12 months M = medium 1 – 3 years L = Low

GROUP ACTION	PRIORITY	METHOD	TIME
Madeira Vine - Continued work removing these vines near houses in Daley Crescent and Illaroo Road. Council spraying carried out Nov. 2006	H	Nowra vets continue with hand weeding where possible	Ongoing
Re-vegetation Areas – Continue to Monitor and remove weeds this includes both escarpment and river bank Removal of Coral Trees On river bank.	H	Plant out Casuarina tube stock when contractors remove Coral Trees from river bank. Group planting to be used in areas on 4th Fairway.	Autumn
Gulley Area from Carpark to 2nd Tee. – Follow up maintenance to Scrape weeds from rock faces , scrape Ochra and paint with straight Round Up	H	Hand weeding where possible. See bush regeneration sheets	Ongoing
Onsite Training. – Continuation of present Training Program	H	Council to continue existing program	Ongoing
Grant Funding – Council to continue to assist group to find funding and where possible employ contractors to assist in difficult sites		Alasdair Stratton to continue with assistance with funding grants.	Ongoing
Camphor Laurel Trees – Funding has been made available to Remove the large trees from the surround of the course. Contractors Fall the trees, poison the stumps and mulch the felled sections.	M	Bushcare group to plant suitable trees from list supplied.	Ongoing

River Bank: Continued removal of Coral Trees from river bank using local contractor has and is being carried out. This work is followed up with planting of Casuarina tubestock by Bushcare group. Supply of trees will be needed for further plantings along with some Lomandra, Dianellas, and other under story species to help prevent erosion. Trial planting of mangroves has been carried out on the river bed with some success and this will continue. Trials have also been carried out with Phragmites but at this stage there has been little success.

Continued erosion caused by run off, wave and wind action as well as boat generated waves is still of major concern and beyond the resources of the Group to solve. Over a period of eleven years since the Nowra Veteran Golfers Bush Care group was formed numerous visitors from State Officers and Local Councillors have inspected the site. As yet no response or plan of action has been brought forward to solve the problems.

Bushcare group to stockpile green waste near 2nd tee, SCC to provide \$1000 per year for chipping of green waste to be used on-site. Install erosion control fencing along 46 to 38 to catch Madeira vine tubers and replant area. Bushcare Coordinator to notify RID Squad about dumping

Volunteer activities related to the action (tick the activities that the group volunteers are likely to be doing as part of the action plan.

Type of activity	Yes	No
Manual weed control (cut and paint, scrape and paint)		
Chemical control (spraying of herbicides)		
Planting		
Minor construction		
Propagating and seed collection		
Education (school groups , field days		

Council Activities related to the action plan.

- a. Removal of all bagged weeds to council tip.
- b. Supply of all herbicide required
- c. Supply of all materials and trees (tubestock) for escarpment area below Illaroo Road.

Has a site hazard and risk assessment been completed for the Bushcare site

Yes No

List the Personal Protection Equipment required for volunteers whilst working on the site

Equipment Required	Issue	Date
First Aid Kit	we use golf clubs first aid kit	
Gloves	YES	
Sunscreen	YES	
Safety Vests	No	

Possible Funding

Project	Funding Source
Maderia Vine and Weed Control on the Escarpment	
River bank stabilisation	

Plan will be reviewed yearly – next review date **3rd March, 2008**

The group should review a summary of the Bushcare policy and strategies to which this plan relates

Please list other local or regional management plans or strategies to which this plan relates.

Name of Document	Year it was Produced	Produced by

Group Support and Skills Development Needs. This information helps to identify gaps that may exist between what the group requires to function effectively and what the group has available. This focuses on the group, overall, not individual members

Tick one box only	We are absolute beginners – don't know a great deal	We know a bit - enough to get by most of the time	We know quite a lot - and we know when to seek help	There's probably not much more we can do on this	Comments
Develop and / or monitor Action Plan					
Plant Identification - Indigenous species					
Weed identification & control					
Bush regeneration methods					
Seed collection and Propagation					
Group planning and decision making.					
Managing neighbour Relations					
Community Education, Schools and neighbours					
Volunteer /group member Recruitment					
Preparing grant Applications					

List below the 10 most common plants that are indigenous to the area.	List below 10 most common plants are not indigenous to the area
Lomandra longifolia Casuarina glauca Eucalyptus Salinasa Dianella Caerula Bleeding Heart Pittosporum undulatum Kakea salicifolia Poa Labillardier Acacia Maidenii Eucalyptus Robusta	Wandering Jew Ochna Lantana Privet (small/large leaf) Asparagus Fern English Willow trees Swamp Cypress Coral Trees Camphor Laurel Trees Maderia Vine.
Could all the regular volunteers identify these YES NO	Could all the regular volunteers identify these YES NO

SUGGESTED SPECIES LIST FOR FUTURE SITE REGENERATION

OVERSTOREY TREES		
SITE A – RIVER BANK		
Botanical	Common	
Casuarina glauca	100 longstem tubestock for group planting on river bank to replace Coral Trees	
SITE B – ESCARPMENT AREA		
OVERSTOREY		
Acmena smithi	Lilly Pilly	
Glochidon ferdenandii	Cheese Wood	
UNDERSTOREY		
Omalanthus	Bleeding Heart	
Acacia maidenii	Maidens Wattle	
Similax Australis	Native Sarsparallia	
Pittosporum undulatum	Sweet Pottosporum	
Clargderon timestosum	Hairey Clevadedrum	
Podocarpus elatus	Illawarra Plum Pine	
Ficus coronata	Sandpaper Fig	
Guioa semigluaca	Guio	
SITE WEED LIST		
Noxious	Other	Control Method
Privet (large and Small Leaf)	Mickey Mouse Plant	Scrape and Paint (pull small plants)
		Cut and Paint
	Asparagus Fern	Crowning and remove plants
	Cape Ivy	Scrape and paint or hand remove
	Wandering Jew	Rake, roll and spray
	Lantana	Cut and Paint. Cut stems and leave to rot on ground
	Turkey Rhubarb	Remove all seeds, dig out tubers` bag and remove from site

FUTURE FUNDING PROJECTS

Project	Funding Source
Maderia Vine and weed control on the escarpment	Envirofund
River bank stabilisation	
Eradication of Camphor Laurel Trees from the area.	

This plan will be reviewed annually – next review date/...../.....

The group should review a summary of the Bushcare Policy and Procedures at the annual review.

Please list any other local or regional management plans or strategies to which this plan relates.

Name of Document	Year Produced	Produced By

Signature of Bushcare Group Coordinator.....

Signature of Shoalhaven Bushcare Coordinator.....