

C:\GIS\AH Ecology\609 EEC mapping 2 Feb 25, 2010



0 0.25 0.5 Kilometres

Figure 2 EEC Mapping of Lands - Bomaderry

BOMADERRY & NORTH NOWRA				
Land Number	Vegetation Community	Description	Broad Condition / Value	Threat
1a	Modified and rehabilitated - West of Illaroo Rd	Quality decreases closer to Illaroo Rd. Blackbutt, Grey Gum, Bangalay, Swamp Mahogany dominate the canopy. Callicoma, Brush Cherry and Bleeding Heart occur in the midstorey. Understorey dominated by sedges and rushes. Lantana & garden escapes on edges.	Fair condition to Good Condition. Condition improves away from the edges and some substantial vegetation occurs especially in the areas of rehabilitation. Provides an important east-west link with Bomaderry Creek.	West of Illaroo Road - Inconsistent follow up of rehabilitation. Weeds encroaching.
1b	Modified - East of Illaroo Rd	Some canopy species remain. The understorey is dominated by Lantana and garden species. Creek banks are badly eroded, nutrient enrichment of creek, dumping of household refuse.	Poor condition. This section has not been rehabilitated and is being impacted by numerous factors. Provides an important east-west link with Bomaderry Creek.	East of Illaroo Road - Continued degradation through expansion of weeds, ongoing erosion, further dumping. Requires major restoration works.
2	Spotted Gum – River-oak Forest	Large, old River-oak dominate the banks, with tall Spotted Gum with Blue Gum back from the top of bank. The shrub layer contains Lantana, Black Wattle, Coffee Bush, Water Gum and Grey Myrtle. Groundcover has scattered Lomandra and Carex .	Poor condition. Cleared to the top of bank. Banks are eroded, weedy in sections. Livestock has access in sections. High nutrient run-off from adjacent agricultural practices.	Further weed invasion, erosion and pollution of Bomaderry Creek.
3a	Constructed - Freshwater Wetland - EEC	Illowra Wetlands and Rainforest Reserve. Freshwater wetlands. This area has been artificially created after closure of a dump. It is dominated by <i>Persicaria strigosa</i> , Tall Spike-rush and Couch.	Fair condition. This artificial wetland is densely vegetated with little weed incursion. Provides wetland habitat.	Weed invasion.
3b / c	Constructed rainforest	Illowra Wetlands and Rainforest Reserve. Rainforest species have been created around the boundaries of the wetland.	Fair condition. This artificial rainforest is densely vegetated especially with canopy species and weeds species are limited to the edges especially along car park and road.	Requires consistent follow up of these rehabilitation works.
3d	Cleared	Illowra Wetlands and Rainforest Reserve. The higher elevation areas in the north of the site are largely unrehabilitated areas.	Poor condition. This section is partially cleared with numerous weed species.	Further weed invasion.