

INTERNAL MEMO:

RECIPIENTS: JOSH TOWNSEND
PROJECT REF: 225 TERRANORA ROAD, BANORA POINT
SUBJECT: FIELD INSPECTION TO ENVIRONMENTAL VALUE OF AREA MAPPED AS 1(C) RURAL LIVING IN NORTHEASTERN SITE CORNER
AUTHOR: GRAHAM DART
DATE: 4-10-2022

1.0 ECOLOGICAL VALUE OF MAPPED 1(C) RURAL LIVING AREA

As requested on 27th September 2022 the vegetation and habitat of an approximately 1700m² area in the northwest of the abovementioned site (Zoned as 1C-Rural) was inspected. From the 2022 air photo the triangular area of interest is heavily vegetated, however, inspection reveals that it is almost entirely occupied by exotic/weed flora species/vegetation. The only native specimens were a small (<2m) Blackwood (*Acacia melanoxylon*) and two moderately sized (to 10m) Macarangas (*Macaranga tanarius*). Both species are very common to the locality.

The balance of the area was occupied by almost impenetrable (on foot) thickets of non-native flora species including those listed below. Evidentiary site images are appended to this memo.

FAMILY	SPECIES NAME	COMMON NAME
Asteraceae	Ageratina adenophora	crofton weed
Asteraceae	Ageratum houstonianum	blue billygoat weed
Asteraceae	Ambrosia artemisiifolia	annual ragweed
Poaceae	Andropogon virginicus	Whisky Grass
Asteraceae	Bidens pilosa	cobblers pegs
Poaceae	Chloris gayana	rhodes grass
Lauraceae	Cinnamomum camphora	camphor laurel
Commelinaceae	Commelina benghalensis	hairy commelina
Asteraceae	Crassocephalum crepidioides	thickhead
Fabaceae	Desmodium intortum	greenleaf desmodium
Fabaceae	Desmodium uncinatum	silver leaf desmodium
Apocynaceae	Gomphocarpus physocarpus	balloon cottonbush
Convolvulaceae	Ipomoea cairica	mile-a-minute
Verbenaceae	Lantana camara	lantana
Fabaceae	Macroptilium atropurpureum	siratro
Poaceae	Megathyrsus maximus	Guinea grass
Poaceae	Melinis repens	red natal grass
Poaceae	Paspalum dilatatum	paspalum
Poaceae	Pennisetum clandestinum	kikuyu
Poaceae	Pennisetum purpureum	barner grass
Caesalpiniaceae	Senna pendula var. glabrata	Easter cassia
Poaceae	Setaria sphacelata	pigeon grass
Malvaceae	Sida cordifolia	flannel weed
Malvaceae	Sida rhombifolia	paddys lucerne

FAMILY	SPECIES NAME	COMMON NAME
Solanaceae	<i>Solanum mauritianum</i>	wild tobacco
Poaceae	<i>Sorghum halapense</i>	johnson grass
Asteraceae	<i>Sphagneticola trilobata</i>	singapore daisy
Poaceae	<i>Sporobolus africanus</i>	parramatta grass
Malvaceae	<i>Urena lobata</i>	Hibiscus burr



FIGURE 1: MAPPED 1C-RURAL LIVING AREA

As requested, the ~1700m² area, although not mapped as environmental/conservation land within the Tweed Coast Conservation Zone Review, has been reviewed against the NSW E-zone Ecological Criteria outlined within the Northern Councils E-Zone Review Final Recommendations Report:

E₂ ZONE CRITERIA	PRESENT/ABSENT
Mapped littoral rainforest identified in legislation	Absent
Mapped coastal wetland identified in legislation	Absent
Endangered Ecological Communities that are identified in legislation	Absent
Key threatened species habitat	Absent
Over-cleared vegetation communities	Absent
Culturally significant lands.	Unsure

E₃ ZONE CRITERIA	PRESENT/ABSENT
Riparian and estuarine vegetation and wetlands;	Absent
Rare, endangered and vulnerable forest ecosystems	Absent
Native vegetation on coastal foreshores.	Absent

TWEED ENVIRONMENT MAPPING	PRESENT/ABSENT
Tweed Vegetation Mapping	Mapped as cleared and Camphor Laurel Dominant Forest
Preferred Koala Habitat	Unmapped
Fauna Corridors	Absent
Drainage Lines	Absent

Given the above it is considered that there is no reasonable justification to include the small, mapped area within the Environmental/Conservation Zone based upon its existing vegetation and habitat value.

Should you require any further information regarding the above, please contact myself on (07) 5526 1500 or graham@planitconsulting.com.au.

All the best



Graham Dart
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Attachments
SITE IMAGES

SITE IMAGES: MAPPED 1C-RURAL LIVING AREA



