

SYSTEM 6 BUSHLAND SUBMISSION FORM FOR CONSIDERATION IN THE UPDATE PROGRAMME

If you wish to submit more than one area for consideration in the System 6 update, please use a separate form for each area.

Please fill in each section giving as much information as possible.

LOCATION, OWNERSHIP AND ZONING OF THE AREA

1. Location

Please give as accurate and detailed a description as possible of the site location

Please include either a hand drawn or copied map showing the area of the area

a) Bordering Roads: MULLY ROAD (N^o 2142) / ROAD N^o 13020

b) Nearest Corner: ^{Signposted} SOUTH WEST HWY AND MASLIN STREET

c) Lot Number: 74 Street Number: N/A

d) Town/Suburb/Location: S/W OF MULLALYUP TOWNSITE

e) Local Council: DONNYBROOK - BALINGUP SHIRE

f) Site Name (if any): N/A

g) Approximate size of the area (ha): 46 ha

h) Please locate the area on a map and give us map references if possible:

MULLALYUP IS 6km N/W OF BALINGUP (AREA IS DETAILED ON MAP 1 AND ALSO WITHIN CO-ORDS C2,C4+D2,D4 ON PHOTO 1)

i) Map: — Streetsmart / UBD / Other: —

j) Map no.: —

k) Grid Ref: —

l) Please give any other information that may help us to find the location:

AREA IS ALSO BOUNDED BY PRIVATE PROPERTY (LOTS 873+12781)

m) Are you aware of any development proposals that are likely to affect the area?

NO

NOTE: Areas that have already been given development APPROVAL should not be nominated

Please fill out those questions that you can answer

2. Who owns the area? (If owned by the person/s making the nomination please indicate) DEPARTMENT OF LAND ADMINISTRATION

3. If you own the area, and may be interested in participating in conservation on private land initiatives please indicate (and leave your name and address at the end of this submission form) _____

4. What is the area zoned? (please indicate whether zoning is Town Planning Scheme or Metropolitan Region Scheme) NOT YET ZONED

CAN YOU TELL US A LITTLE ABOUT THE PHYSICAL CHARACTERISTICS OF THE AREA

5. Why do you consider this area important? (Refer to Guiding Issues paper) THE AREA HAS A RANGE OF ECOLOGICAL COMMUNITIES. OLD GROWTH MARRI TREES PROVIDE PART OF A RANGE OF HABITATS. THIS AREA LINKS, VIA A LINEAR CORRIDOR, TO STATE FOREST SUBJECT TO BURNING AND LOGGING AND MAY PROVIDE A REFUGE FOR FAUNA. IT IS RICH IN ANIMAL SPECIES AND HAS A DIVERSE RANGE OF FLORA (PARTICULARLY ORCHIDS).

6. What ~~is~~ are the soil type/s and colours? VARIES DEPENDING ON LOCATION WITHIN THE AREA.

Type: Sand/Clay/Gravel/Loam/Silt
Colour: White/Grey/Brown/Orange/Yellow/Red/Black
PREDOMINANTLY

7. Does the area have any special features such as unusual landforms / landscapes that still retain their natural vegetation? Yes/No

If yes, what are they? THE AREA HAS A RIDGE LINE WITH NORTH AND SOUTH FACING SLOPES. THESE SLOPES HAVE DIFFERENT VEGETATION CHARACTERISTICS. UPPERMOST ELEVATION (WEST REGION) AND THE SOUTHERN SLOPES ARE WETTER IN SEASON THAN THE NORTHERN SLOPES. (SEE MAP I AND PHOTO I)

8. Is the area a wetland or does it include a wetland? YES

If yes, what kind of a wetlands is it?

- a) lake
- b) river
- c) stream (SEASONAL)
- d) swamp
- e) estuary
- f) seasonally wet
- g) other MOIST "CLOSED SCRUB/HEATH" YEAR ROUND (MARKED * ON MAP I)

9. What percentage of the wetland is open water in summer? ...0%.....

CAN YOU TELL US A LITTLE ABOUT THE VEGETATION /FAUNA ON THE NOMINATED AREA.

10. What percentage of the area is indigenous vegetation? ..80-90%.....

11. If the area includes regions cleared of native bushland please indicate reasons for the inclusion. THE TWO REGIONS ARE DISUSED GRAVEL PITS.

AS THEY ARE AN INTEGRAL PART OF THE AREA, ONCE REHABILITATED THEY WOULD PROVIDE CONTINUITY WITHIN THE AREA.

12. Has any previous flora or fauna survey work been done on the area?
YES.....

If yes, please give details of the work OVER THE PAST 5 YEARS I HAVE MADE NOTES AND TAKEN PHOTOGRAPHS OF FLORA + FAUNA ANTICIPATE

CARRYING OUT ONGOING ACCURATE SURVEYS FROM SEPTEMBER '95 ONWARDS (A SEED COLLECTOR WHO SEASONALLY COLLECTS FROM THE AREA MAY HAVE OTHER INFORMATION)

13. How would you rate the condition of the native bushland? (see attached table)

- a) pristine
- b) excellent
- c) very good
- d) good
- e) degraded
- f) completely degraded
- g) don't know

14. Please indicate the disturbances affecting the area and where appropriate the percentage of the area disturbed.

- a) Partial clearing (DUE TO GRAVEL PITS) 5-10%
- b) fragmentation
- c) Selective removal of species: ^{JARRAH} timber cutting, wildflower picking, mowing dieback and other plant diseases
- d) Fire regime, including intensity, season and frequency LAST BURNT 1989
- e) 'Enrichment plantings' that is plantings of species not found in that community
- f) Weed invasion $\left\{ \begin{array}{l} \text{SOME TAGRASS ON N/E EDGE ONLY (IN GRAVEL PIT)} \\ \text{A FEW PINE SAPLINGS ON S/W EDGE (IN GRAVEL PIT)} \\ \text{ONE 1m x 1m PATCH OF WATSONIA (NEAR GRAVEL PIT)} \end{array} \right.$
- g) Animal impact: horses, foxes, rabbits, cats, dogs, camels, goats etc (KOOKABURRAS ?)
- h) Soil movement, both removal and dumping (GRAVEL TAKEN)
 - i) Changes in water regimes; flooding, drainage and watering
 - j) Salinity
- k) Fertiliser drift and along waterways nutrient influx (POSSIBLY, AS AREA IS IN PROXIMITY TO FRUIT ORCHARDS)
- l) Mining, including that for road works 2 GRAVEL PITS.
AREA MAY ALSO CONTAIN OLD MINE SHAFTS THAT WERE ONCE USED FOR MINING MICA.

m) Grazing: stock, overgrazing by feral or native mammals

(n) Proliferation of tracks, fire breaks and walk trails 5% (MAINLY HUMAN AND ANIMAL TRACKS)

o) Off-road vehicle use

p) Use as service corridors by the SEC, Main Roads, Water Authority.

(Source: B Keighery. Bushland Plant Survey, September 1994)

15. Does the area contain any plant species of special interest that you know of? (eg. declared rare flora, priority taxa, outlier populations) ...YES.....

Do you know what they are? AREA CONTAINS MANY ORCHID VARIETIES (I HAVE PHOTOGRAPHED 5 TYPES) UNSURE OF TYPE OR RARITY. I HAVE BEEN TOLD BY SOME RESIDENTS THAT OTHER TYPES EXIST ALSO.
16. Do you know of any native animals that use the area? ...YES.....

Can you list those you know of? (birds, mammals, reptiles, amphibians etc)

SEE LIST ATTACHED TO COVER LETTER.....

17. Is the area used by any native animals of special interest? (eg. endangered species, large/important populations)....YES.....

LAST YEAR A PHASCOGALE WAS KILLED AND BROUGHT INTO TOWN BY A CAT
If yes, please name them and indicate source of information RED TAILED BLACK COCKATOOS
THIS MONTH I SAW A FLOCK OF 20 FLY OVER AND LAND IN MARRI
TREES IN THE AREA. GROUPS OF BETWEEN 3 AND 8 HAVE BEEN
SEEN BY ME MANY TIMES OVER THE PAST 3 MONTHS (PHOTOGRAPHED)
RED EARED FIRE TAIL SEEN BY ME 3 YEARS AGO IN AREA (MAP) GROUP OF 4
CAN YOU TELL US A LITTLE ABOUT THE SURROUNDING AREA

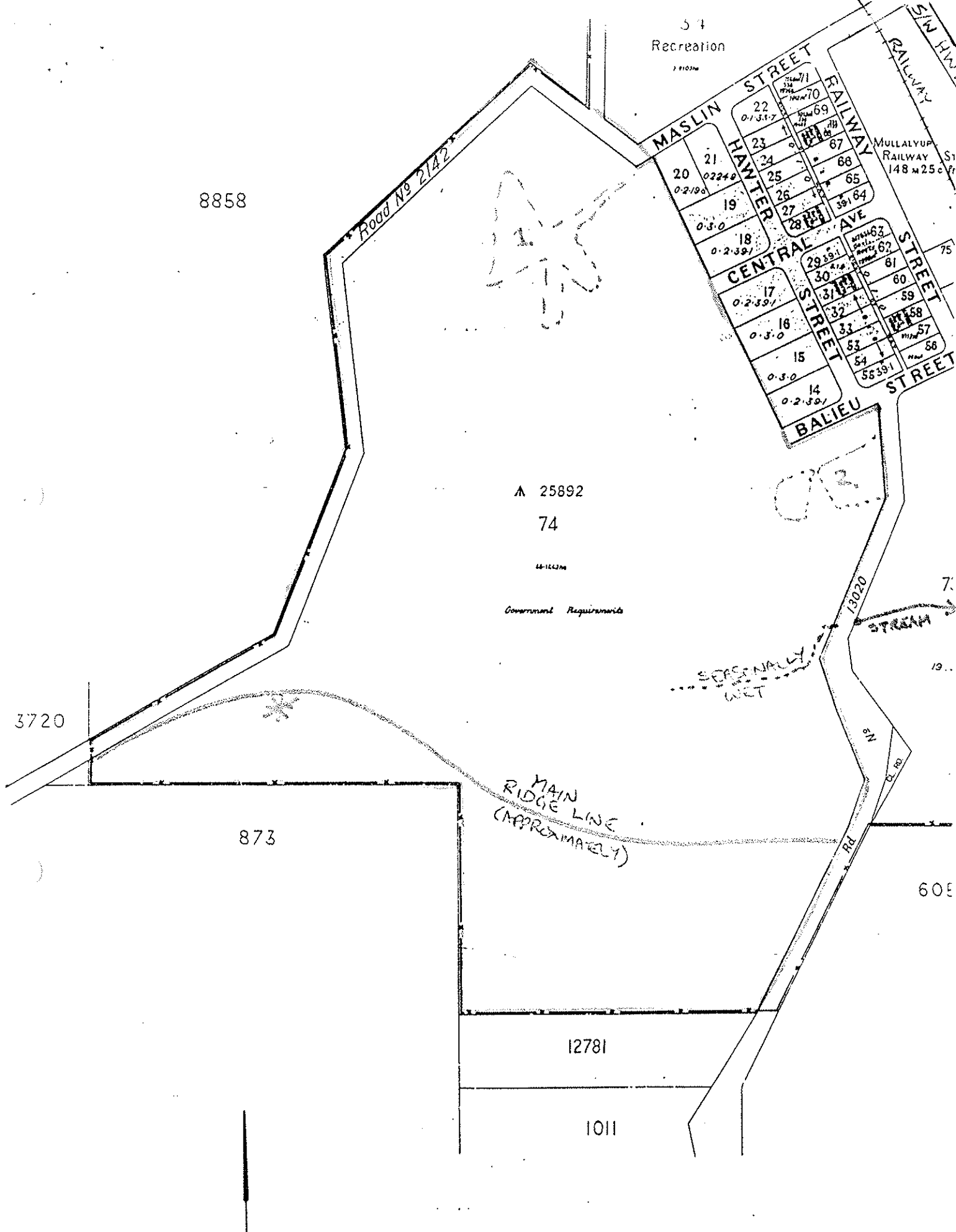
18. Are there any bushland areas (including wetlands) near to this area?
...YES.....

SEE PHOTO 1. { If yes, how close are they? 300m TO STATE FOREST (WATERSHED WITH 2 STREAMS)
VIA A SOUTH WEST LINEAR LINK. THERE IS ALSO A 1.3 km LINK ALONG
THE RAILWAY LINE TO THIS AREA OF STATE FOREST. OTHER STATE FOREST TO
THE N/W, N/E + S/E WITHIN 2km. THERE IS ALSO REMNANT BUSHLAND ON
Are they already conservation reserves? [NO] SURROUNDING AGRICULTURAL
LAND.

What is their approximate size? N/E APPROX 300Ha, N/W GREATER THAN 300Ha
BUSHLAND WEST OF AREA APPROX 300Ha, S/E APPROX 100Ha

19. Does the submitted area link other bushland areas? YES, HOWEVER MOST LINKS
ARE IN NEED OF REHABILITATION AND THE RAILWAY TRACK
AND SOUTH WEST HWY IN PLACES PREVENT CONTINUITY.

LINKS NEED ESTABLISHING IN ORDER TO CONNECT TO MOST REMNANT
Please attach any additional information about the area which may be of use BUSHLAND
when assessing it. AREAS



MULLALYUP TOWNSITE
NELSON DISTRICT

SCALE: 3 CHAINS TO AN INCH

* CLOSED SCRUB/HEATH
 () GRAVEL PITS (DISCUSSED)

MAP 1.



265600

2030 II

6263780

