



Reserve 26526 Ravenswood Feb '95

Taken from Angus place showing close
proximity to car park + caravan site
which is to right hand side.





Reserve 26526 Ravenswood
Feb '95



Swamp dried out showing vegetation

Reserve 26526 Ravenswood Feb '95

Taken from paddock lot 63 - showing
~~fringe of~~ swamp fringe or puckly moses
bushes with freshwater paperbarks behind.



Reserve 26526 Ravenswood Feb '95

last season's

nests in paperbark trees



Reserve 26526 Ravenswood Feb 95

Taken from paddock Lot 63 - shows
cleared paddock with parklanded twart
tree, Swamp fringed with puckly mases
bushes + paperbarks used as nesting sites.

PAPERBARK SWAMP at RAYENSWOOD

39

on Reserve 26526.

enclosures: map pt t.p.s. no 4 Shire of Murray. 5 photos.
details of res 26526.

SYSTEM 6 BUSHLAND SUBMISSION
FOR CONSIDERATION IN THE UPDATE PR

owned by

Dirki Pty Ltd

PO Box 2169

Boulder 6435

No known telephone N^o

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

Please fill in each section giving as much information as

LOCATION, OWNERSHIP AND ZONING OF THE AREA

1. Location

Please give as accurate and detailed a description as possible

Please include either a hand drawn or copied map showing the

a) Bordering Roads: ANGUS PLACE, RAYENSWOOD

b) Nearest Corner: LLOYD AVENUE / ANGUS PLACE

c) Lot Number: aburs Lot 63 Street Number: /

d) Town/Suburb/Location: Rayenswood

e) Local Council: Shire of Murray not shire? DOLA

f) Site Name (if any): Reserve 26526 public recreation

g) Approximate size of the area (ha): 7.725 HA

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

photocopy of map obtained from Shire of Murray enclosed.

i) Map: Streetsmart / UBD / Other: Also other details of Reserve 26526.

j) Map no.:

k) Grid Ref:

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

just behind Ravenswood Hotel + Caravan Park on Murray River.

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

There may be a future residential proposal on lot 63 + this would affect the swamp.

high density residential proposal on lot 6 + pt lot 64 will increase human population in area + may impact on swamp. (see EPA report + recommendations ? date 1991)

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) *unvested crown land according to DOLA office, Bunbury.*

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) *N.A.*

4. What is the area zoned? (please indicate whether zoning is Town Planning Scheme or Metropolitan Region Scheme) *Public recreation Shire of Murray.*

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) *Unique ecological community of freshwater wetland and remnant local native vegetation making resting site for water birds*

6. What is/are the soil type/s and colours? *in particular yellow billed spoonbills*
Type: Sand/Clay/Gravel/Loam/Silt
Colour: White/Grey/Brown/Orange/Yellow/Red/Black
Not sure about soil types.

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? *Freshwater wetland with trees + shrubs suitable for resting.*

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

d) swamp *freshwater*

e) estuary

f) seasonally wet *until Feb in 1995 (v. dry year)*

g) other

9. What percentage of the wetland is open water in summer? *Not open. Heavy vegetation including paperbarks.*

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

10. What percentage of the area is indigenous vegetation? *100%*

11. If the area includes regions cleared of native bushland please indicate reasons for the inclusion. *We suggest a buffer zone should be recommended around present reserve. This could be revegetated to lessen disturbance of birds from caravan park at nesting time + reduce runoff of nutrients from paddock or future residential area.*

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

YES

If yes, please give details of the work. *Ray Nancarrow, local naturalist, has collated bird counts + other info over many years.*

Ray's phone number is (09) 5376492. Address: 25 Adam Rd, Ravenswood, 6208.

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
- b) fragmentation
- c) Selective removal of species: timber cutting, wildflower picking, mowing dieback and other plant diseases
- d) Fire regime, including intensity, season and frequency
- e) 'Enrichment plantings' that is plantings of species not found in that community
- f) Weed invasion *some*
- g) Animal impact: horses, foxes, rabbits, cats dogs, camels, goats etc *probably from nearby residential area.*
- h) Soil movement, both removal and dumping
- i) Changes in water regimes; flooding, drainage and watering
- j) Salinity
- k) Fertiliser drift and along waterways nutrient influx *from paddocks lot 63.*
- l) Mining, including that for road works

from paddock as not fenced. Damage not yet extensive.

- m) Grazing: (stock) overgrazing by feral or native mammals
- n) Proliferation of tracks, fire breaks and walk trails
- 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)

Some rubbish: cans, bottles, plastic from caravan park. Not extensive.

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

Do you know what they are? Tuart trees, prickly moses, freshwater paperbarks, rushes, spearwood plus others. Expert survey not conducted.

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)

Yellow billed spoonbills 20 nesting pairs. Little egrets 25 nesting pairs. Nankkeen night herons 42. Sacred ibis 8. Greater egrets 12 nesting pairs. Bushbirds: fantails, wrens, others.

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

If yes, please name them and indicate source of information

Yellow billed spoonbills nesting site - Ray Nancarrow local naturalist.
Nankkeen night herons nesting site - " " " " " "

CAN YOU TELL US A LITTLE ABOUT THE SURROUNDING AREA

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

YES. River + fringing vegetation which is left.

If yes, how close are they? area abuts Murray River + foreshores protection precinct within Peel Inlet Management Authority (Waterways Commission) management area. See map 17 p.108 Peel Inlet Management Program 1992.

Are they already conservation reserves? Program 1992.

What is their approximate size?

19. Does the submitted area link other bushland areas? See comment above

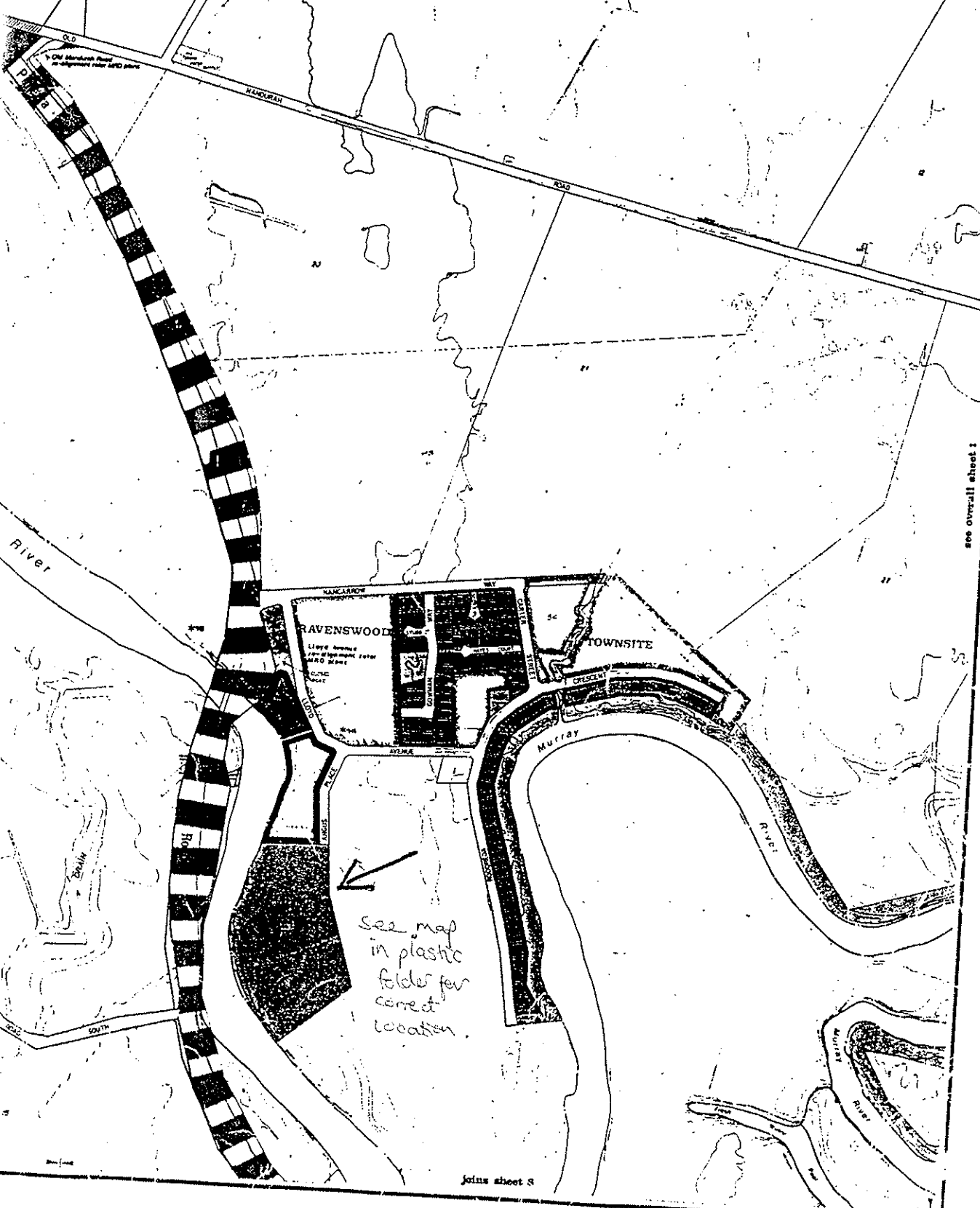
Please attach any additional information about the area which may be of use when assessing it. I enclose 5 photos taken Feb 1995

when swamp dry (v. dry year)

see overall sheet 1

Joins sheet 5

Shire of Murray Town Planning Scheme no. 4.

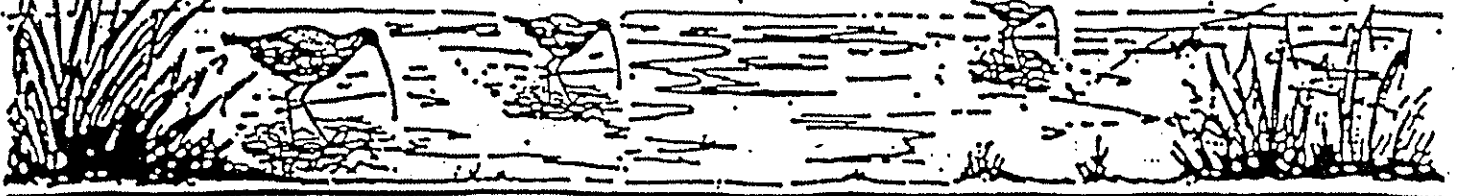


see overall sheet 1

Joins sheet 3

(88)

PEEL PRESERVATION GROUP (INC)



WHAT'S SO SPECIAL ABOUT THE PEEL HARVEY ESTUARIES?

P.O. BOX 171
MANDURAH
W.A. 6201

24 September 1995

The System 6 Study Team att. B. Hyder
Dept of Environmental Protection
141 St George's Terrace
Perth 6000

Dear Study Team

In August we sent you a number of submission forms for the system 6 update programme. One of these was for a PAPERBARK SWAMP AT RAVENSWOOD.

It has been pointed out to us by a Ravenswood resident, Geoff Burrow, that in our submission we made an error in the location of this very valuable spoonbill breeding site.

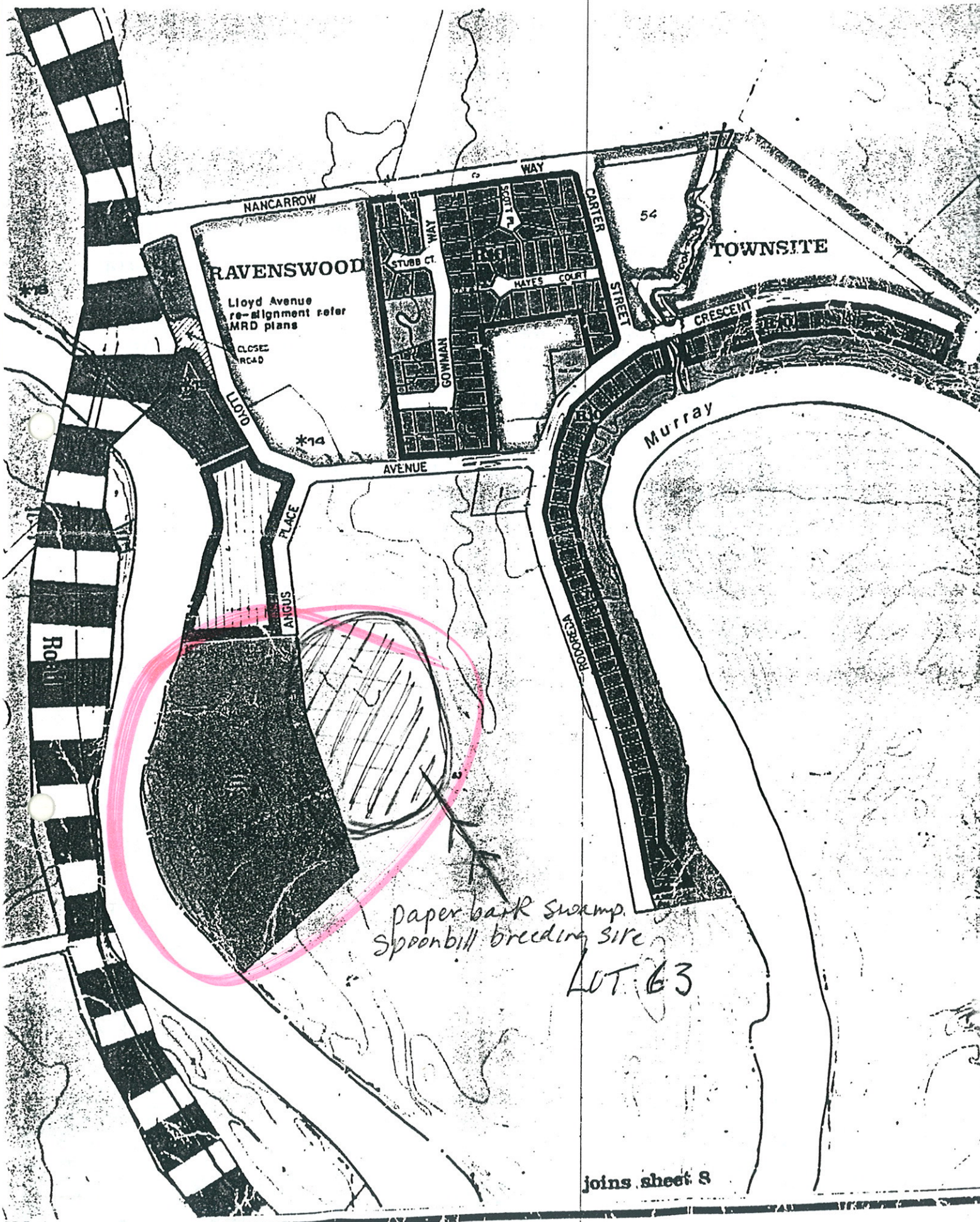
The swamp lies partly or wholly on rural zoned land Lot 63 owned by Dirki Ptd of Boulder, and NOT on DOLA Reserve 26526 as indicated in our submission, although a section of the swamp may abut this reserve. I enclose a map with corrected approximate position of swamp outlined in red - it is easier to locate from an aerial photograph.

I request that you attach a copy of this letter to our submission form for this paperbark swamp, or make relevant changes to the form before assessment of suitability for inclusion in system 6 is carried out. Assessors may like to contact Mr Burrow, who lives in the Ravenswood Caravan Park, to obtain more geographical information.

Please confirm that you have received this letter and noted its content, as this error was due to my less than expert map reading and I am concerned that this swamp will miss out on system 6 listing.

Yours sincerely

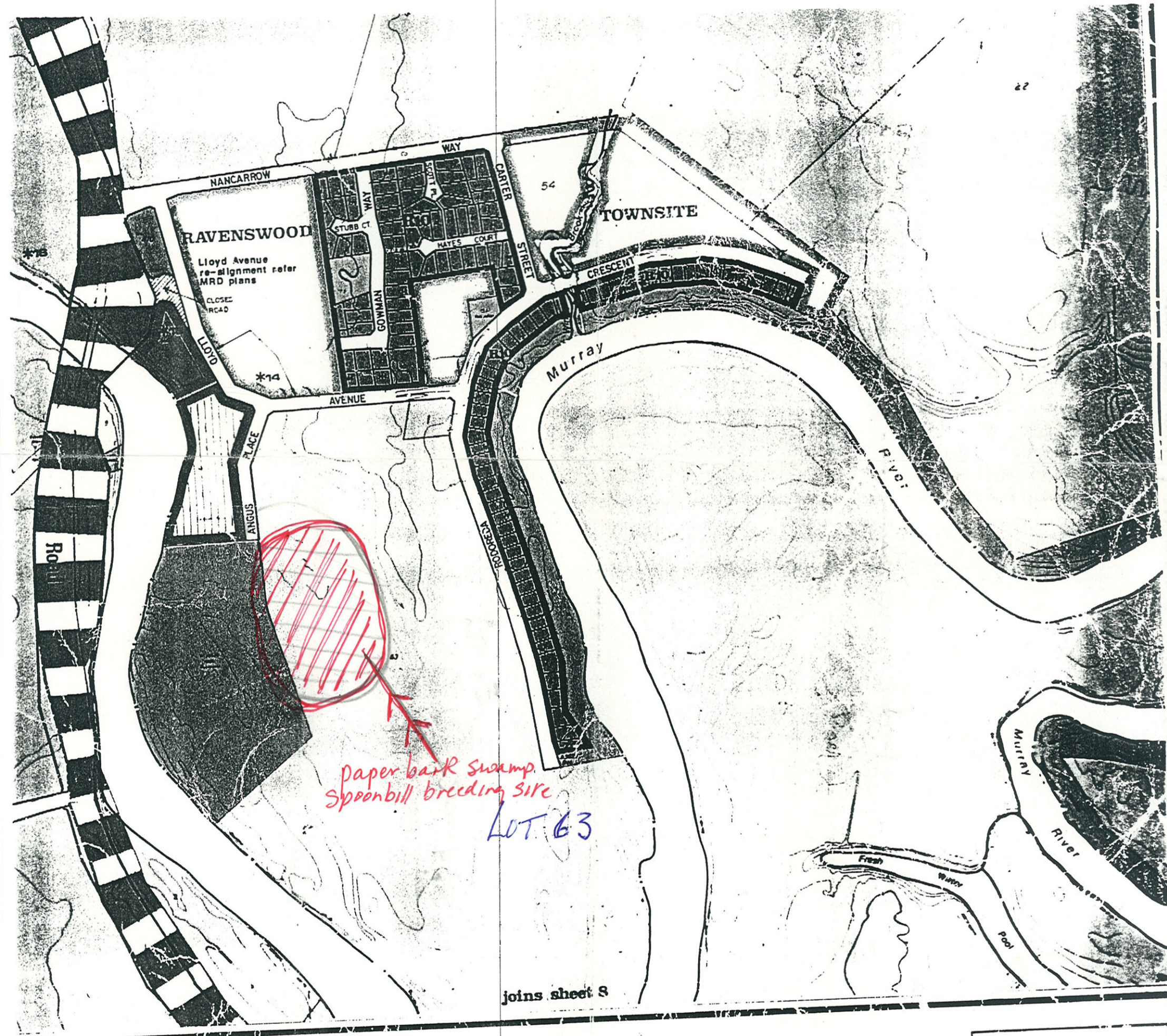
Griselda Hitchcock
President Peel Preservation Group



Paper bark swamp.
Spoonbill breeding site
LOT 63

joins sheet 8

24.9.95 System 6 Nominations
 Corrected location of paperbark swamp (Spoonbill nesting site)
 at Ravenswood, Murray Shire. Please see letter 24.9.95, from
 Peel Preservation Group.



SHIRE of MURRAY
Town Planning Scheme No. 4
DISTRICT ZONING SCHEME

2	11
3	
4	OVERALL
5	
6	
7	
8	SHEET 1
9	
10	
11	

SHEET INDEX

SYSTEME MAP
 SHEET No. 7

D.G. PAGE: 3000 OF 2/11/1962
CLASS= C (OF 2/11/1962)

(STAT: C) LGA CODES: 215
METRIC AREA (A) 7.7250

(LAST CHANGE: 21/01/1937)

CONFIDENTIAL

AREA	16/01/1967 GAZ	87	1	7.7250	HA
PURPOSE	16/01/1967 GAZ	88	1	PUBLIC RECREATION	
FILE NOS	2/11/1962		1	1313/61	
LOCATION:	16/01/1967 GAZ	97	1	COCKBURN SOUND LOC 1996	
PUB PLAN	16/01/1967 GAZ	89	1	RAVENSWOOD TOWNSITE (02) 12.3	
ST ADDRESS	16/01/1967		1	ANGUS PLACE	
SURVEY	16/01/1967 GAZ	87	1	DIAGRAM 87692	
HIST AREA	28/12/1962 GAZ	4144	1	18.3.25	
FORMERLY	2/11/1962 GAZ	3609	1	FORMERLY LOT 62. COCKBURN SOUND 16-P:7658	
HIST PURP	2/11/1962		1	RECREATION	
ORIG AREA	2/11/1962		1	28.3.25	
METRIC	1/00/3000		1	7.6510.P17	

WILD 1574 UAGA
Nr 13037 152.72

000016

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