

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 TWIN BARTRAM SWAMP

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: Hammond / Banerigan (Proposed)  
Westworth rd, Bartman Rd

b) Nearest Corner: .....

Adjacent 515

c) Lot Number: ..... Street Number: .....

d) Town/Suburb/Location: Jandakot

e) Local Council: City of Cockburn

f) Site Name (if any): Twin Bartman Swamp

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

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

.....

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:

East of Thomsons Lake, West of Freeway

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

Drainage from urban development  
- proposed as a compensation basin - will  
flood area + hill paperlands

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) ..... *Vested in Council* .....

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) ..... *Pt R* .....

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)  
*Probably most significant stand of Paperbark (huge in size) in metro area.*

6. What is/are the soil type/s and colours ? .....

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

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? .....

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

If yes, what kind of a wetlands is it?

- a) lake
- b) river
- c) stream
- d) swamp
- e) estuary
- f) seasonally wet
- g) other

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

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

10. What percentage of the area is indigenous vegetation? .....

11. If the area includes regions cleared of native bushland please indicate reasons for the inclusion. ....

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

*See previous studies, private consultants for Galed Estates.*

If yes, please give details of the work .....

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

g) Animal impact: horses, foxes, rabbits, cats, dogs, camels, goats etc

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

l) Mining, including that for road works

- 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)

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

Do you know what they are? .....

**16. Do you know of any native animals that use the area?** .....

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

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

If yes, please name them and indicate source of information

<b>CAN YOU TELL US A LITTLE ABOUT THE SURROUNDING AREA</b>
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**18. Are there any bushland areas (including wetlands) near to this area?**  
.....

If yes, how close are they ? .....

Are they already conservation reserves? .....

What is their approximate size? .....

**19. Does the submitted area link other bushland areas?** .....

Please attach any additional information about the area which may be of use when assessing it.

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LOCATION, OWNERSHIP AND ZONING OF THE AREA

1. Location *SOLOMON ROAD SWAMP*

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: *Solomon Rd / Kwinana Freeway*

b) Nearest Corner: .....

c) Lot Number: ..... Street Number: .....

d) Town/Suburb/Location: *Jandakot*

e) Local Council: *City of Cockburn*

f) Site Name (if any): *See above.*

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

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

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:  
.....

m) Are you aware of any development proposals that are likely to affect the area?  
*Drainage, swamps in down stream area  
being cleared + unchanged*

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) ..... *Vested in Council* .....

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) ..... *P.R.* .....

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)

- ① *Prone to development - pristine damp land - high*
- ② *bio diversity values.*
- ③ *DAMP LANDS - poorly represented in cons. reserves*

6. What is/are the soil type/s and colours? ..... *- a wetland type not adequately recognised* .....

Type: Sand/Clay/Gravel/Loam/Silt

Colour: White/Grey/Brown/Orange/Yellow/Red/Black

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? .....

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

If yes, what kind of a wetlands is it?

- a) lake
- b) river
- c) stream
- d) swamp
- e) estuary
- f) seasonally wet
- g) other *damp land*

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

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

10. What percentage of the area is indigenous vegetation? .....

11. If the area includes regions cleared of native bushland please indicate reasons for the inclusion. ....

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

If yes, please give details of the work .....

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
- g) Animal impact: horses, foxes, rabbits, cats, dogs, camels, goats etc
- h) Soil movement, both removal and dumping
- i) Changes in water regimes; flooding, drainage and watering
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- k) Fertiliser drift and along waterways nutrient influx
- l) Mining, including that for road works

- 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)

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

Do you know what they are? .....

.....

16. Do you know of any native animals that use the area? .....

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

.....

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

If yes, please name them and indicate source of information

.....

.....

**CAN YOU TELL US A LITTLE ABOUT THE SURROUNDING AREA**

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

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If yes, how close are they ? .....

.....

.....

Are they already conservation reserves? .....

What is their approximate size? .....

19. Does the submitted area link other bushland areas? .....

.....

.....

Please attach any additional information about the area which may be of use when assessing it.

MEMO TO: JACKIE BOYER  
FROM: CHARLIE MALING  
SUBJECT: TWIN BARTRAM SWAMP  
DATE: 21/5/93

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At your request I visited the above site on 11/5/93.

I walked in an anti clockwise direction starting at the northerly corner under the power lines of the western lake.

The western end of the western lake, as can be seen from the attached aerial photo copy and site photos has been degraded by works associated with the power lines and is now full of Typha. It's eastern side is virtually untouched and has old stands of paperbarks in excellent condition, though throughout both lakes and associated vegetation there is evidence of intrusion from cows and horses.

The eastern lake has been modified by a drain and the open lake bed used for summer grazing. The surrounding paperbarks are extensive, old, thick and in excellent condition. Photo's attached.

(m) Twin Bartram Swamp, Hird Road Swamp, Solomon Road Swamp and Gibbs / Russell Swamp in Jandakot. These small wetlands are the best remaining examples of the Jandakot suite of wetlands. They are reserved in the local open space system and are well documented by V. Semeniuk in the report to Gold Estates on Wetlands East of Thomsons Lake.

(n) Creery Wetlands. These important samphire marshes should be added to C50 (Peel Inlet). Their values are fully documented in the Bamford Report which was attached to the proposal for the Harbour City Canal Estate.

(o) Vasse - Wonnerup Regional park. The whole area of the Broadwater, Deadwater and the Vasse Wonnerup estuaries should become a regional park. This concept should be proposed in the System Six update.

(p) Cockburn Wetlands - Eastern Chain M93. The boundaries of this area should be modified to coincide with the boundaries of the Beeliar Regional Park.

(q) Folly, Maramanup, Duck and Beenyup Pools, Baldivis. These small pools on the Folly Drain are important breeding and feeding areas for wildlife. The Folly Drain is an important wildlife corridor and its conservation value should be recognised in the System Six Report.

(r) West Corio Swamp, Karnup. This is an important breeding area for the straw-necked ibis. It should be protected. The EPA did an assessment of it several years ago when sand mining was proposed.

(s) Serpentine River Valley. The entire length of the Serpentine River and its flood plain should be listed in the System Six Report. It is a major wildlife corridor and a habitat for many species. It should be recommended as a regional park.

(t) Wilbinga and Guilderton. Two large blocks of coastal heathland south of the mouth of the Moore River. The Wilbinga block was proposed as a land swap for M1 which has been approved for subdivision. These blocks are adjacent to C12 and together provide an outstanding opportunity to conserve the best remaining transect of coastal vegetation in the northern part of System Six.

If you require further information about any aspect of this submission, please contact me. I would like some feedback on your decision about these areas.

Yours faithfully,



Philip Jennings  
President

(1) Twin Bertram West Lake  
NW corner looking S along powerlines



(2) Twin Bertram Swamp W. Lake  
NW corner looking SE into lake



11/5/93

Twin Bertram Lake looking E SW corner W. Lake



11/5/93 Twin Bertram Swamp W. Lake Middle Southern  
edge looking NE from Lake bed



⑤, 6, 7, 8 Rowing thru paper barks in  
an easterly direction from the SE corner of  
the western Lake ~~to~~ towards the bed of  
the Easter Lake



⑦ Twin bartran Swamp 10/5/92



(6) Twin Bar tran Swamp 11/5/93



(9)

Twin Lagoon Swamp 11/5/93 E. Lake

Looking from edge of drain <sup>in igloo bed</sup> back west  
at the paper parks of 5, 6, 7, 8



(10) 11/5/93 bed of Eastern Lake.



#4 (04) [w/ Bartram Swamp 11/5/93] Drain in E-lake  
at curve in S.W. corner of lake bed. Looking  
N.W.

9413 11 11 11 21-1



0413 11 11 11 21-1

(12)

Twin Bartram Swamp E. Lake  
of drain looking south.

~~End~~ N. end



(15) Fence line Twin Bartram Swamps 11/5/93 E-lake  
Creek west.



(16) Twin Bartram 11/5/93



11-5-93 11:00 AM

(14)  
15  
16

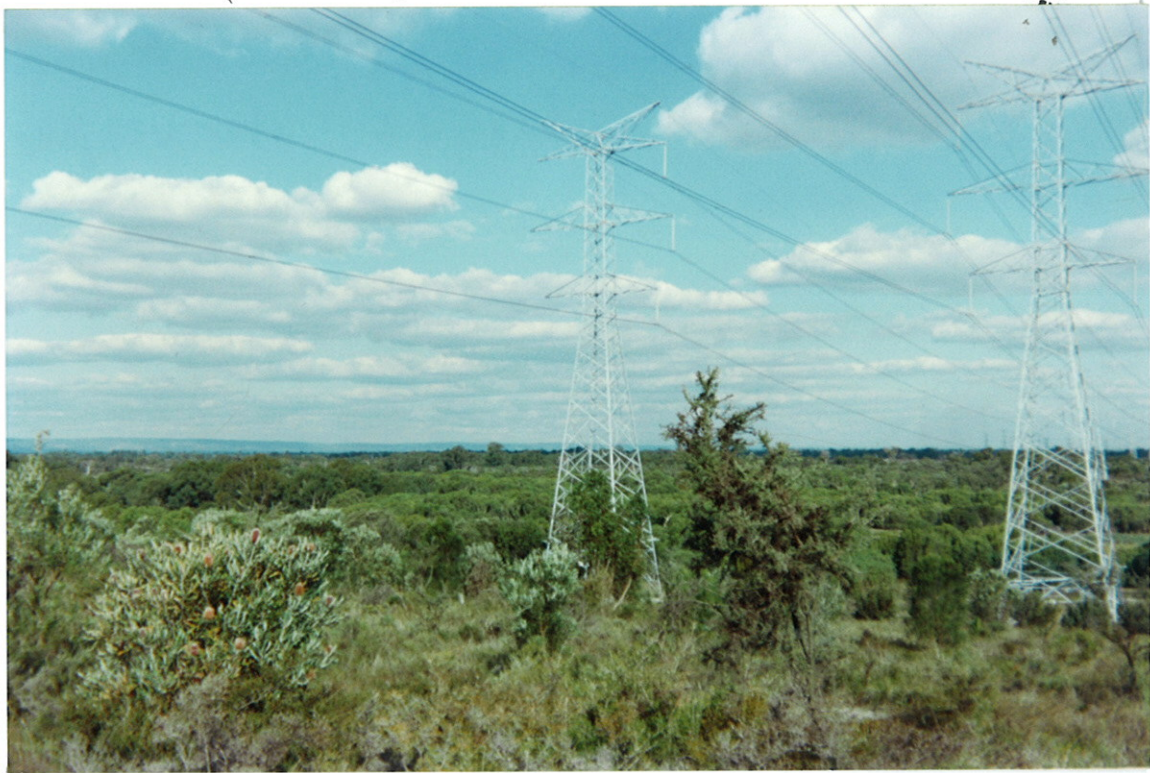
Twin Bartram Swamp w/s/q  
E. Lake.

Paper barks Mid N E  
Cor



on - 2  
on - 2  
-

(17) Twin Bartram Swamp 11/5/93 Under powerlines  
to the NW. Looking SE. over vegetated  
areas of Lakes.



WILD 15740AGA  
Nr 13037 152.72

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- 5022 - 1 268 - 56 100 0180 0280 56 -

5661 09 52 10 61 666200 000000

WILD 1574 UAGA  
Nº 13032 152.72

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