

CANNING VALE PRISON BUSHLAND

Boundary Definition: bushland (part taken to cadastre)/bushland group boundary

SECTION 1: CADASTRAL INFORMATION

(Lots, locations and derived information to be updated in the public submission period)

Bushplan Site no. 472 **Map no.** 68

Map sheet series ref. no. 2033-I NE

Other Names: not known

Area (ha): total 52.7; bushland 49.2

Local Authorities (Suburb)

Zoning

City of Canning (Canning Vale)

MRS: Urban, Parks and Recreation, Important Regional Roads, Public Purposes-Prison

TPS: Landscape

Ownership Categories

Lot/Location/Reserve numbers (Purpose),

State Government

Street name

479 Campbell Rd

Crown Reserve

SECTION 2: REGIONAL INFORMATION

LANDFORMS AND SOILS

Bassendean Dunes

Bassendean Sands (Qpb: S8)

Bassendean Dunes/Pinjarra Plain

Bassendean Sands over Guildford Formation (Qpb/Qpa:S10)

VEGETATION AND FLORA

Vegetation Complexes

Combinations of Bassendean Dunes/Pinjarra Plain

Southern River Complex

Floristic Community Types: *not sampled, types inferred

Supergroup 2: Seasonal Wetlands

Supergroup 3: Uplands centred on Bassendean Dunes and Dandaragan Plateau

*23a Central *Banksia attenuata* — *B. menziesii* woodlands

WETLANDS

Wetland Types: dampland

Natural Wetland Groups (undefined areas included in boundary)

Bassendean—Pinjarra transition OR Bassendean with fluvial features

Bennet Brook (B/P.4)

Bassendean Dunes

Jandakot (B.3)

Wetland Management Objectives: Conservation (3.4ha)

Swan Coastal Plain Lakes EPP: none identified

THREATENED ECOLOGICAL COMMUNITIES

Not assessed

SECTION 3: SPECIFIC SITE DETAIL

Landscape Features: vegetated wetland, vegetated uplands

Vegetation and Flora: limited survey (DEP 1998, roadside inspection)

Uplands: Low Open Woodlands to Low Open Forest dominated by combinations of *Banksia attenuata*, *B. menziesii*, *B. ilicifolia*, *Allocasuarina fraseriana* and *Eucalyptus todtiana*

Wetlands: possibly *Melaleuca preissiana* Low Open Woodland

Vegetation Condition: Very Good (Connell 1995)

Total Flora: not known

Significant Flora: *Caladenia huegelii* (R)

Fauna: no systematic survey. Significant mammal species: Quenda (Friend 1996 D)

Linkage: adjacent bushland to the north, east (BS253, across road) and west (BS389, across road); part of a regionally significant fragmented bushland/wetland linkage (Volume 2A, Map 8)

Other Special Attributes: majority Bushplan Site Category Two Area Middle Canning Catchment Study (Evangelisti & Associates *et al.* 1995)

SECTION 4: INTERNATIONAL AND NATIONAL SIGNIFICANCE

Not listed

SECTION 5: SELECTION CRITERIA AND RECOMMENDATIONS

Criteria: Representation of ecological communities, Rarity, General criteria for the protection of wetland, streamline and estuarine fringing and coastal vegetation, Criteria not relevant to determination of conservation value, but which may be applied when evaluating areas having similar values

Opportunities and/or Constraints

Opportunities: Bushplan Site/part Bushplan Site subject to Swan and Canning Rivers EPP; location of conservation category wetlands; under MRS Parks and Recreation Reservation and TPS Landscape Zoning, Crown Reserve








Constraints: under MRS Urban Zoning, MRD regional road requirements, General Mineral Resource Area (sand)

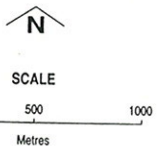
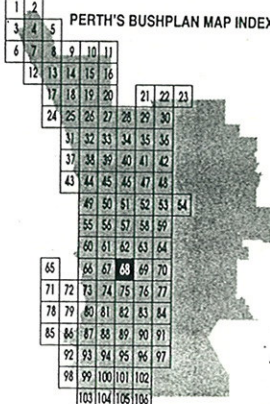
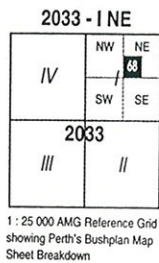
Recommendation: The most appropriate mechanism for the protection of this Bushplan Site be considered through the public comment period in consultation with the land owner(s). This may include — The existing care, control and management intent of the reserve is endorsed. Long-term security and support for conservation management of the Bushplan Site to be enhanced by: amending the purpose of the reserve to include conservation; and applying appropriate mechanisms in consultation with the reserve management body.



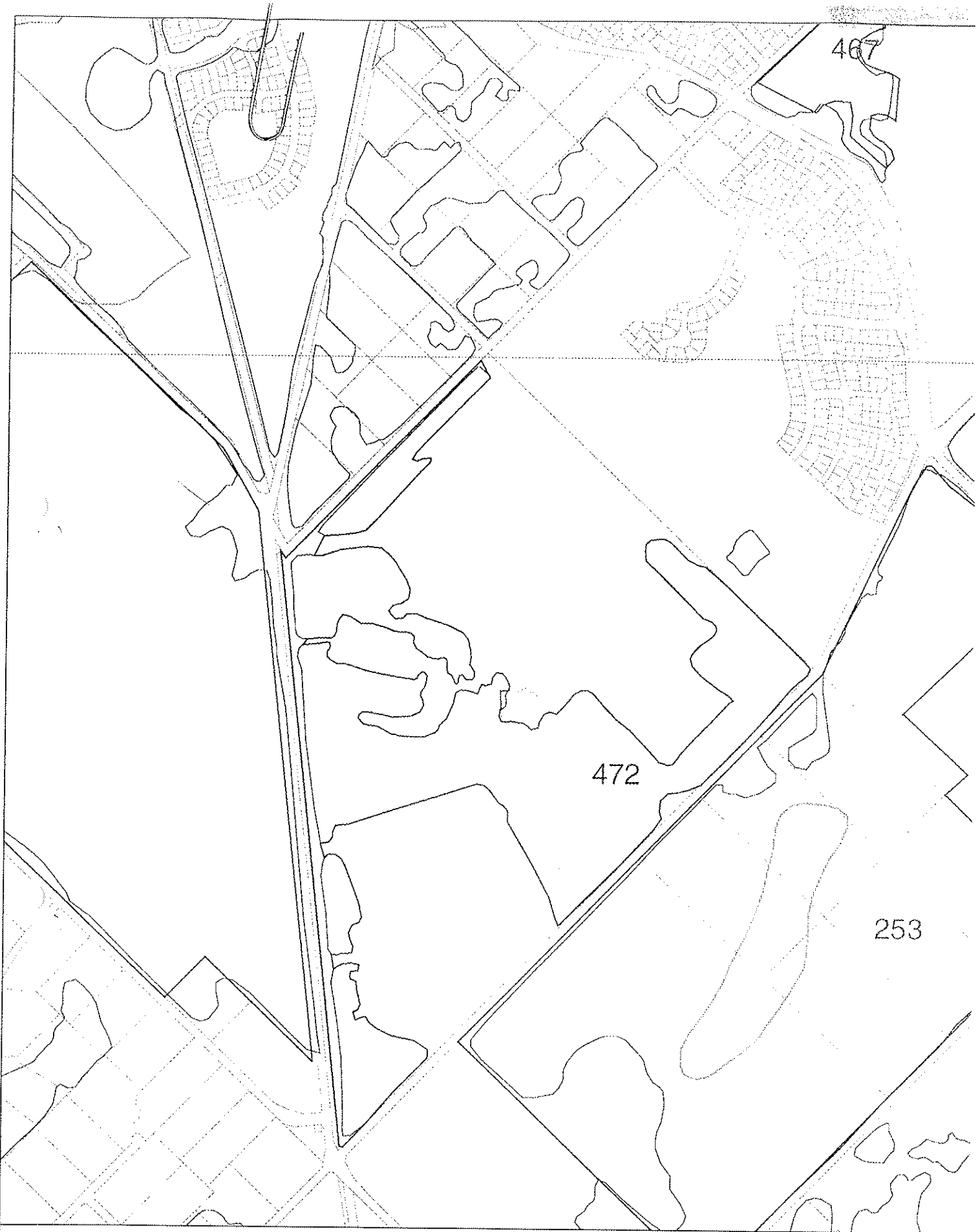


LEGEND

-  Bushplan Sites With Regionally Significant Bushland
-  Other Native Vegetation
-  Conservation Category Wetlands
-  Bushplan Sites With Some Existing Protection
-  Lot Number, Location Number
-  Channel Wetlands
-  Local Government Boundary



Produced by Project Mapping Section
Land Information Branch, Ministry for
Planning, Perth W.A. November 1998
ntw-map18/enviro/bushplan/bushv2map2.dgn
Cadastral Data supplied by Department
of Land Administration, W.A.
Wetlands Data supplied by
Water and Rivers Commission
Native Vegetation Extent for Study Area
supplied by Agriculture Western Australia



BUSHPLAN SITES CORRECTED

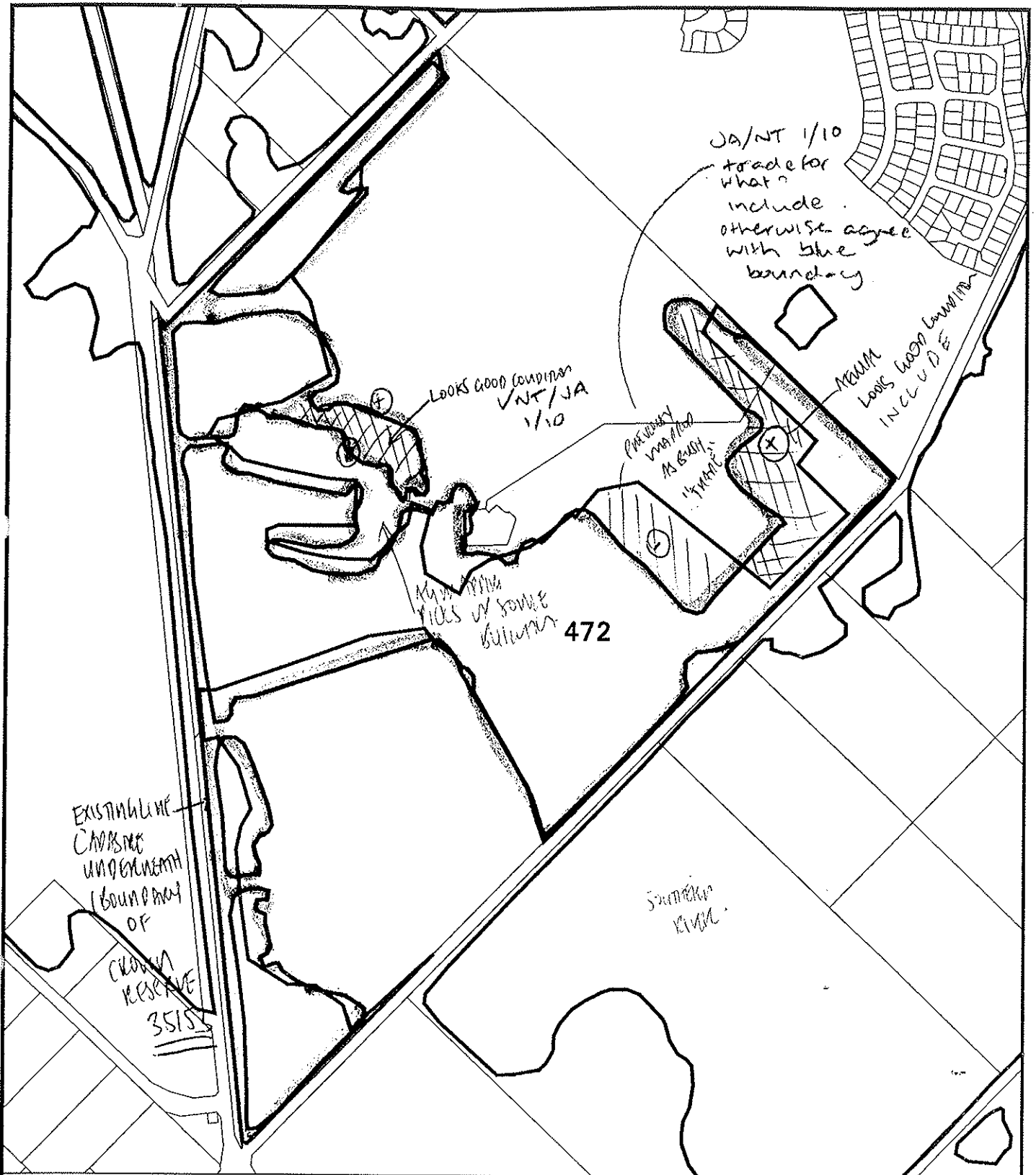


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PLANNING
COMMISSION






TG
B 28/10/98





bp site 472

Person
will need to consider
extension?

-  Cadastre
-  Bushplan sites refno 1-500 SCP BOUNDARY THEME
-  AG VEG 1998 BOUNDARY THEME

MFP INTERNAL USE ONLY

Prepared By: Andrea Zappacosta

Prepared For:

Map Ident: plot980609_1

Date: 09 Jun 98

Scale 1:9220

Call Follow Public Progress

KB

See Hand-drawn map for photo.

J

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 *CANNING VALE PRISON BUSHLAND Reserve 35153*

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: *Rangford / Campbell / Warton Rds*

b) Nearest Corner:

c) Lot Number: *479* Street Number:

d) Town/Suburb/Location: *Canning Vale*

e) Local Council: *City of Goswells*

f) Site Name (if any):

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?

- 1) Proposed Juvenile Detention Prison.*
- 2) Also proposed as part of the Geraldton Botanic Park*

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) *Gaunt*

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) *Public Purpose*

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) *links up other proposed conservation reserves (Harrisdale Swamp & Accourt Rd.) - Much of bankia woodland in south of Kent region*

6. What is/are the soil type/s and colours? *is gone*
Type: Sand/Clay/Gravel/Loam/Silt *is in excellent condition*
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.

*Open up Harrisdale Swamp / bush & Account Rd.
2) Central area pristine bankia woodland 3) Grand
spiral. Orkist Caladenia hirsutella present*

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

*Yes. Proposed Gendabot Botanic Park. Area included
as part of Canning Vale Estate on Page 10*

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

.....

.....

CAN YOU TELL US A LITTLE ABOUT THE SURROUNDING AREA

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

.....

If yes, how close are they ?

.....

.....

Are they already conservation reserves?

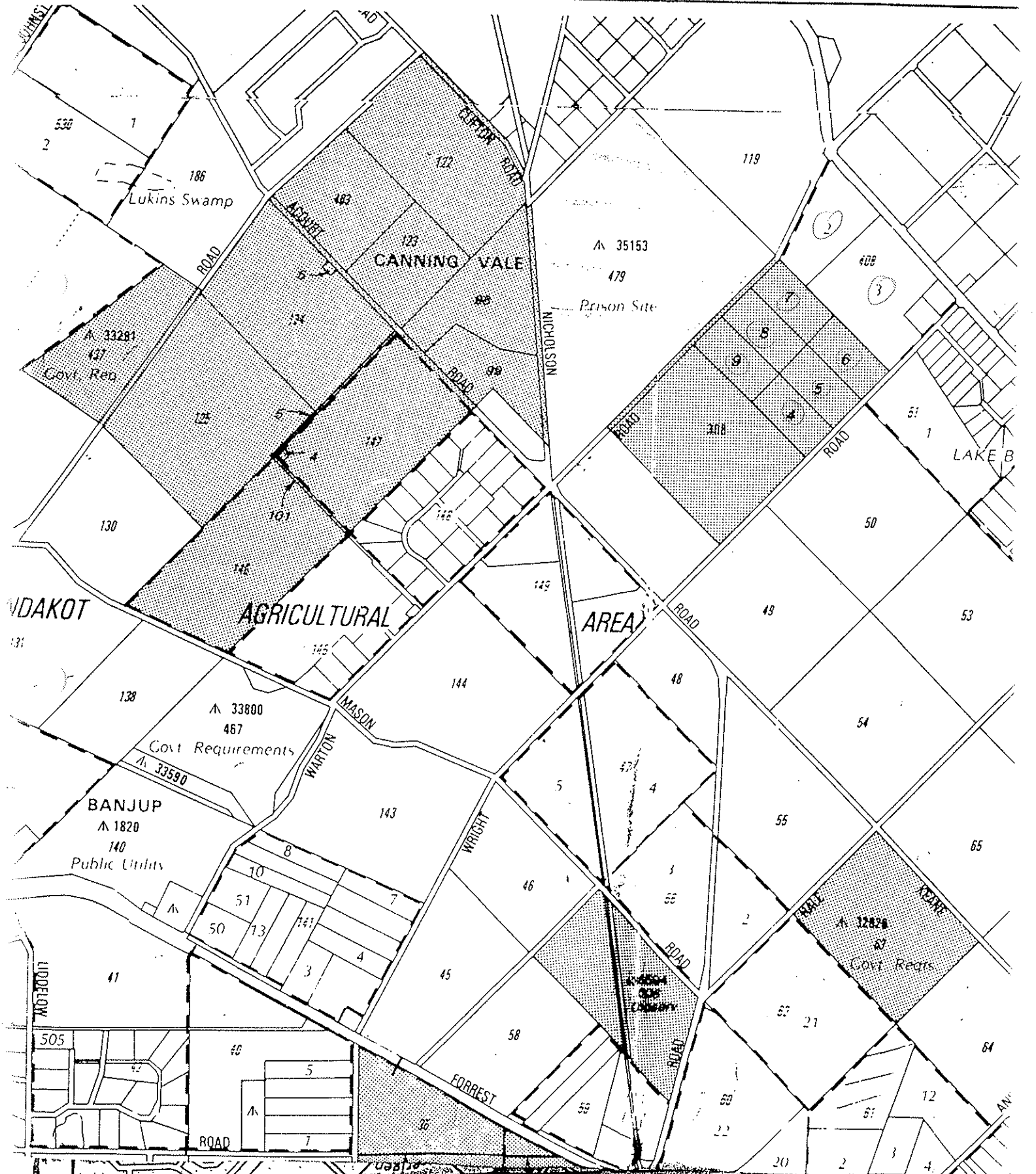
What is their approximate size?

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.



Lukins Swamp

CANNING VALE

△ 35153
479
Prison Site

LAKE B

AGRICULTURAL

AREA

△ 33800
467
Govt Requirements

BANJUP
△ 1820
140
Public Utility

△ 32828
83
Govt Reqs

ROAD

FORREST

BLAKE

BLAKE

IDAKOT

LUDFLOW

552
2

186

122

119

483

123

408

124

147

308

130

101

142

50

146

145

49

53

138

△ 33800
467

MASON

144

AREA

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54

△ 33590

WARTON

143

WRIGHT

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BANJUP
△ 1820
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Public Utility

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OVERVIEW OF SUBMISSION ON PERTH'S BUSHPLAN

Produced by Monica Holmes JP MLA
Member for Southern River

This Overview is a background of the attached "Perth's Bushplan Submission Paper."

The finalisation of the draft Bushplan has been welcomed, particularly by landowners in my electorate who want to subdivide and build on their land. This is because, up until now, there has been little or no certainty in the planning process, particularly regarding environmental issues.

The electorate of Southern River has a large number of landowners who have been identified in Perth's Bushplan. My office has received numerous telephone calls and inquiries regarding the draft document.

In order to satisfy my constituents' concerns, I have produced the attached submission, which encompasses the aspects of the draft of Perth's Bushplan that have been raised with me. The Submission Paper contains a number of recommendations listed separately in 'Appendix A'.

One of the main concerns raised is that if Perth's Bushplan is adopted in its current form, landowners and developers will be subjected to an unrealistic amount of extremely complicated procedures, which are to be further strengthened and expanded in the future.

Concern has also been expressed regarding the plans to conserve additional areas, outside the Perth Metropolitan Region, to compensate for any land that is removed from the draft Plan because it is unsuitable for inclusion as part of the 10% retention target.

This leads on to another area of grave concern. The intent of the draft Bushplan, via IUCN guidelines, is to retain at least 10% of the **original** extent of each vegetation complex, prior to European settlement. As there is no way to verify the original extent, other than by estimation, the basis for the inclusion of land identified in the draft Bushplan is unrealistic.

In its current form, the draft Bushplan will do nothing to create certainty for the future growth of our State.

The fact that the 10% target has been based upon estimation is borne out by the descriptions of the sites contained in Volume 2, Part 2, which are, at best, questionable. The facts behind their inclusion in the draft Bushplan were obtained some years ago and bear no relevance to the land as it is today.

SUBMISSION NO. 430

.../2

MUNICIPALITY OF PERTH PLANNING
23 APR 1999
805-2-1-32p+1
FILE

- 2 -

Other concerns raised which are dealt with in the Submission relate to:-

- The extremely high, undefined, cost to the State of future land acquisitions. Through the implementation of the current 10% target, developers will be severely constrained. As such, acquisition cost will escalate severely and will be borne by the taxpayers.
- The proposed on-going retention of land via Parks and Reservations to boost the 10% goal and save money.
- The inclusion of land to help boost the 10% target that was identified under the recognition criteria of Agriculture Western Australia which did not meet Bushplan's definition.
- The intention to get local government to add to the 10% target by including areas regarded as being "*locally significant*" which are **not** identified for conservation through Perth's Bushplan
- The fact that Perth's Bushplan also took into consideration values relating to educational, or scientific study, cultural heritage, linkage, agricultural practice, urban development as well as Aboriginal and European historical values. The inclusion of these values removes credibility from the criteria used to put the draft Bushplan together. They bring a totally different dimension into the issue.
- The use of IUCN guidelines, produced in 1991, as the basis for the 10% minimum retention goal throughout the draft Bushplan. Concerns are that these guidelines should not be used to drive the future of our State.
- The protection of our environment we must be based upon what we have today. It should not be based upon an estimate of what we had prior to European settlement. To achieve this goal Bushplan must be changed to reflect the preservation of 10% of current day vegetation.

The above points are validated in the attached Submission Paper on Perth' Bushplan document.

6 April 199

Jandakot Airport - (p.188) BS388

This leased land is owned by the Commonwealth. As such the State has no jurisdiction over planning and environmental issues relating to the land. If it is included to bolster the IUCN's percentage guidelines, it should be remembered that it would not be possible for Bushplan's strategies to be implemented upon this land.

Gosnells Golf Course (p.191) BS467

The local authority in relation to the Gosnells Golf Course is incorrectly shown as being the City of Canning. This land comes under the jurisdiction of the City of Gosnells.

Once again, the zoning displayed in the Plan shows an inconsistency in the MRS and TPS zonings. Under "Opportunities and/or constraints" the TPS is shown as an opportunity and the MRS as a constraint.

This item shows that limited surveys were carried out in on the land in 1995/96. Under the heading of "Other Special Attributes" (p.192) the Plan states "...majority *Bushplan Site in Middle Canning Catchment Study - 'hydrological modelling assumes no urban development in this area'*".

This land is now abutted by Ranford Road, Campbell Road, Warton Road and the newly developed, fast expanding, urban area of Brooklands Green Estate. As such the recommendations in Volume 2 Part B based upon information collected in 1995 relating to this land no longer applies.

Canning Vale Prison Wetland (p.192) BS472

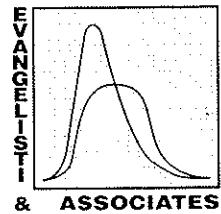
Under Section 3: Specific Site Details it states that a roadside inspection was taken by the DEP in 1998 and that in 1995 the vegetation condition was very good. Linkage is also described as being adjacent bushland to the north, east and west.

The above is no longer correct. Canning Vale Prison is now abutted by Sanctuary Waters Estate to the north, Ranford Estate to the West, across Nicholson Road, and to the east by Warton Road. As such the vegetation identified in these locations no longer exists.

- SUMMARY AND RECOMMENDATIONS**

Perth's Bushplan has come about as a result of an enormous amount of work being undertaken by numerous agencies over a considerable number of years.

The foundation for this work was to ensure adherence to target measures in accordance with guidelines set by the IUCN in 1991 for the protection of at least 10 per cent of the original extent of all pre-European settlement vegetation complexes.



WATER RESOURCES MANAGEMENT PLAN

MIDDLE CANNING CATCHMENT

(STAGE 1 - VOLUME 1)

Prepared for the

Water Authority of Western Australia

By

Evangelisti & Associates
Consulting Engineers and Project Managers

in association with

Landvision
Consultants in Urban and Environmental Planning

and

The V & C Semeniuk Research Group
Environmental Scientists

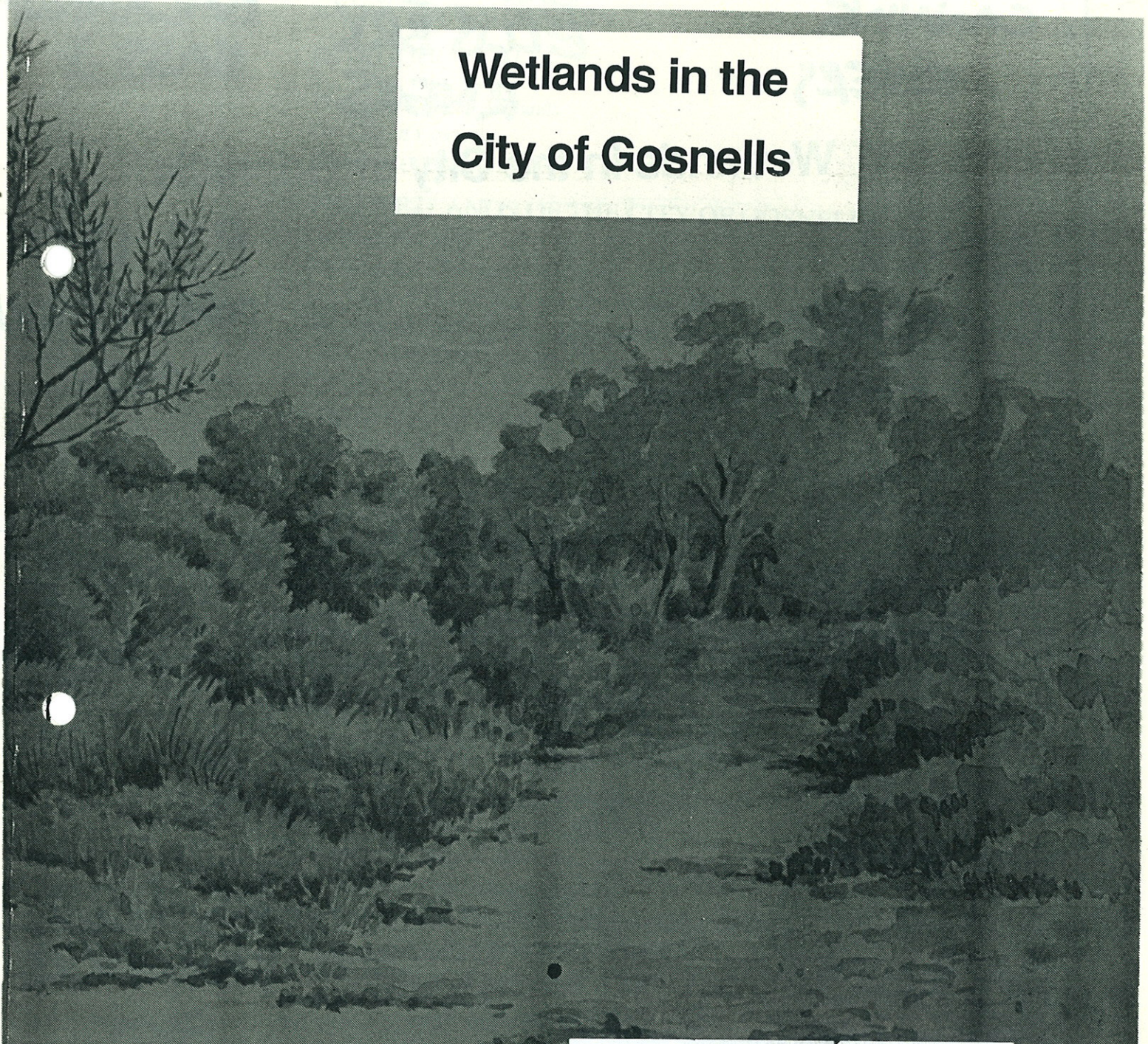
October 1995

BS124
472
Bassas



Water Authority
of Western Australia

Wetlands in the City of Gosnells



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Department of Environmental Protection Library

**Full document
available
on request**