

Draft Environmental Protection Policy for Lakes and Swamps of the South West Agricultural Zone

**Environmental Protection Authority
Perth, Western Australia
December 1993**

A Draft Environmental Protection Policy for Lakes and Swamps of the South West Agricultural Zone

Wetlands are an important part of our natural heritage and are enjoyed by a broad spectrum of the community. Over the last two decades there has been a growing concern for the welfare of the State's wetlands.

As a consequence of growing community expectations for wetland conservation strategies and policies have been established to guide wetland management and protection. There are now initiatives from the local through to the International level that support wetland conservation.

The majority of well-known wetlands in W.A. are located in the Perth region. Here there are many wetlands, the bulk of the State's population and where most obvious development - wetland conservation conflicts have occurred. The Environmental Protection Authority has focussed considerable attention to wetland issues in this region, initiating a range of policies¹ and strategies.

It is now appropriate to consider the future of wetlands across the remainder of the State's South West.

Wetlands in the agricultural landscape

Since European settlement large tracts of the South West have been developed for agricultural production, with now approximately 13,500 farms covering 16 million hectares².

Broadacre agriculture has involved the clearing of deep-rooted native vegetation and its replacement with shallow-rooted annual crops and pastures. Cropping and pasture production has required cultivation and the application of mineral fertilisers and other agricultural chemicals. This has resulted in changes to catchment hydrology, with rising saline groundwater tables, increased land inundation and waterlogging and enhanced transport of nutrients, salt and other chemicals into wetlands³.

Wetlands are also affected by stock grazing, clearing of wetland vegetation, mining and in some instances filling. However it is predominantly the changes in catchment hydrology that have caused widespread and irreversible wetland degradation. Decline in wheatbelt wetlands has caused or substantially contributed to the documented extinction of at least several native mammals and ground-dwelling birds⁴.

For many years some farmers and pastoralists have been addressing soil and land conservation issues, but it has been over the last 10 years that an organised catchment based rural conservation movement has developed. With changes to the *Soil and Land Conservation Act* 1945 in 1983 came the formation of Land Conservation District Committees (LCDCs) with a role in advising government and the farming community on land conservation matters.

¹ Strategy for the protection of lakes and wetlands of the Swan Coastal Plain. Report of the Environmental Protection Authority. Perth, Western Australia. Bulletin 685. July 1993.

² Decade of Land Care Plan. Western Australia. undated.

³ Select Committee on Land Conservation.

⁴ Sanders A (1991) "Oral Histories Documenting Changes in Wheatbelt Wetlands". Department of Conservation and Land Management. Como. Western Australia.

Wetland conservation in agricultural areas

Wetland protection and management has been a common issue with LCDCs and catchment groups. There are many examples of wetland projects undertaken by these groups, including -

- Lake Towerinning Catchment Group's (West Arthur LCDC) rehabilitation of Lake Towerinning and its catchment (for which the group received a National LandCare award);
- Lake Toolibin Catchment Group's (Wickepin LCDC) catchment planning to protect Lake Toolibin, the most important lake in the central wheatbelt and which is listed in the Ramsar Convention;
- a swamp rehabilitation project by the Manypeaks LCDC;
- a swamp and catchment water management plan by the Swamp Road Catchment Group (Jerramungup LCDC); and
- a swamp rehabilitation project by the Boree Gully Catchment Group (Boyup Brook LCDC).

In addition to quite specific lake or swamp projects undertaken by various catchment groups and LCDCs there is also "wetland sensitive" catchment planning taking place. Perhaps the first plan of its kind, the Esperance LCDC is developing a plan for land and water use in the Shire of Esperance that will account for wetland values and limit the impacts of agriculture on downstream wetlands.

Whilst wetland projects have been underway at the farm and catchment level broader landcare initiatives have recognised the need to account for natural features in the agricultural landscape. For example, the State Decade of Landcare Plan calls for the development of Environmental Protection Policies (EPPs) under the *Environmental Protection Act 1986* to give meaning to the term "sustainable agriculture".

Since May 1993 the Environmental Protection Authority has been developing, in consultation with rural catchment and landcare groups, a policy framework for wetland protection and management. In October 1993 the EPA presented an outline of the proposed policy to the LandCare '93 Conference, which was attended by delegates from Land Conservation Districts across the State.

The role of an Environmental Protection Policy

Environmental Protection Policies (EPPs) are prepared under Part III of the *Environmental Protection Act 1986*. EPPs can be established to protect any portion of the environment or more generally to provide a framework for better environmental management.

It is through Environmental Protection Policies that the community can establish environmental objectives and measures to guide the protection and better management of any portion of the environment. Environmental measures for achieving specified objectives usually include voluntary community activities, government support and extension, through to appropriate decision-making by responsible authorities.

Since the establishment of LCDCs in 1983 the organised landcare movement has grown rapidly. The primary focus during this time has been to promote alternative production systems, to reduce the incidence of salt affected land and maintain or regain agricultural production. There is at the same time an awareness in the farming community of a need to provide for important natural landscape features (rivers, wetlands and remnant vegetation) within the context of "sustainable agriculture" and land management.

This Draft Environmental Protection Policy

Policy text

The purpose of the proposed policy is "to establish management objectives, guidelines and measures for the protection of lakes and swamps" of the South West. Measures to achieve this include;

- establishing wetland management categories and allocating wetlands to these categories (with the most important wetlands listed in the Conservation category);
- protection of the Conservation category wetlands through the *Environmental Protection Act 1986*;
- protection of Resource Management wetlands through other legal instruments, such as the *Soil and Land Conservation Act 1945*; and
- the development and adoption of voluntary codes of practice and guidelines for appropriate land management.

The draft policy consists of five elements;

- **Part 1 - Preliminary.**

This part establishes the purpose of the policy, the portion of the environment to which the policy applies and defines terms used in the policy. The **policy does not have retrospective powers** and so for example does not require landowners to change current farming practices or to fence-off or rehabilitate wetlands.

- **Part 2 - Management of South West Wetlands.**

This part establishes a wetland register (list of wetlands), wetland management categories, the importance of wetlands and environmental objectives (goals) for wetlands.

- **Part 3 - Basis and programme for wetland protection.**

This part reviews the status of wetlands, identifies activities which degrade wetlands and establishes a programme for the protection and better management of wetlands. Of significance here the policy identifies a range of activities "on the farm" and the catchment processes which degrade wetlands. The policy calls for development and implementation of voluntary codes of practice to address land and wetland management issues in agricultural areas.

- **Part 4 - Control of Certain Activities.**

This part establishes a mechanism for protecting the Conservation category wetlands from unauthorised filling, mining, drainage, clearing and discharge of effluent. It is intended that the National Parks and Nature Conservation Authority will continue to exercise its responsibility (through CALM) for lands vested in the Authority. At least initially the EPA will have "policy" responsibility for Conservation category wetlands on private land, but some aspects of this may in time be delegated to other agencies.

- **Schedules.**

The Schedules define the policy area, wetland plans and wetlands categorised under the policy.

Wetland management categories proposed under the policy are termed Conservation, Resource Management and Multiple Use.

A Conservation category wetland is in pristine or near pristine condition, or may be the most natural wetland in a region. As these wetlands are special and relatively few in number, they attract the highest level of management by landowners and special protection through the *Environmental Protection Act 1986*.

Resource Management wetlands are degraded but retain significant nature conservation values, whilst Multiple Use wetlands are highly degraded and have negligible conservation values. For wetlands in these categories, which are likely to total more than 90% of all wetlands, other instruments of government will be used to support there management consistent with policy objectives.

Wetland plans and wetland types

The draft policy applies to all land within the South West Agricultural Zone (see Schedule 1 of the draft policy).

The Department of Land Administration (DOLA) has prepared cadastral and topographical plans for the South West, identifying many lakes and swamps. The plans used for this policy are -

- 1) 1:50 000 topographical/cadastral series (colour);
- 2) 1:50 000 cadastral series (black and white);
- 3) 1:25 000 cadastral series (black and white).

The plan series above are listed in order of preference. It is only where the colour series are not available that the black and white plans (cadastral only) are used. It is intended that as colour series plans are prepared for land covered by (2) or (3) that the wetland register will be amended to account for this. In the policy the 607 plans are referred to as wetland plans and each plan has a number (see draft policy Schedule 2, table 2).


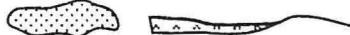
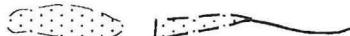
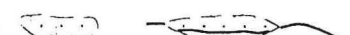
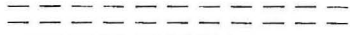


Lake; Stream, perennial; direction of flow.....	
Lake; Stream, intermittent.....	
Lake; Stream, mainly dry.....	
Clay Plan; Flood Plain, Creek or Brook.....	
Land subject to inundation	
Rapids; Dam or Weir, Falls, Rapids	
Swamp, perennial; intermittent	

Figure 1: Extract of wetland plan (colour) legend

Wetlands are shown on the colour wetland plan legends as "perennial", "intermittent" or "mainly dry" lakes, "perennial" and "intermittent" swamps and "land subject to inundation" (the legend for the colour series varies, although these features are shown on all the plans - see Figure 1 above). On the black and white plans wetlands are shown as "lakes" or "swamps". The wetlands shown on these plans are referred to in the policy and the register as wetland types (see draft policy Schedule 2, table 1). It is proposed that under this policy a wetland is identified by the -

- wetland plan on which it is located;
- a name (official or unofficial) where available;
- the freehold location/s or reserved land on which the wetland is located;
- the wetland type by which it is represented (eg, perennial swamp); and
- Australian Map Grid (AMG) coordinates for the wetland.

Schedule 2 of the policy defines the wetland plans and wetland types used in the policy. For Conservation category wetlands the combination of AMG coordinate and a radius is used to indicate the land (wetland) protected under Part IV of the Policy. In some instances an entire reserve, lot or location may have Conservation status under this policy.

Wetland register

Clause 5 of the policy -

- establishes a wetland register for the policy area;
- enables any person or organisation to propose to the Authority changes to the register;
- gives the Authority power to seek advice from a Land Conservation District Committee and to alter the wetland register; and
- indicates that the register is available for public inspection (this is also printed in the Government *Gazette* and copies or extracts of the register will be sent to LCDCs, Dept. of Agriculture. etc).

The wetland register is a draft regulation prepared under the Act. The register lists wetlands in two of the three categories:

- Conservation category wetlands are listed in the Register of Conservation Wetlands.
- Resource Management wetlands in the Register of Resource Management Wetlands.

The register does not list the Multiple Use wetlands, as these will be lakes and swamps shown on the plans but not listed in the Conservation or Resource Management register.

Naming wetlands

Across the policy area there are approximately 15 000 wetlands, of which about 500 wetlands have official names. There are many common names given to wetlands which have not been recorded and could be established as official "geographic names".

There is established the Geographic Names Committee, serviced by the Department of Land Administration, which considers proposals for official names. It is intended that during development of this South West wetlands policy unofficial wetland names will be forwarded to the EPA for use in the policy and referral to the committee for possible approval. The committee applies criteria to the establishment of official names, with preference for Aboriginal names and pioneers or early settlers. Names of living individuals are not normally considered suitable.

Any individual or organisation is welcome to forward a wetland name proposal to the EPA. Any suggested name should be accompanied by a plan showing location of the wetland (preferably the extract from a policy wetland plan) and reasons for that name.

The Environmental Protection Policy process

The *Environmental Protection Act* 1986 requires that a draft policy be widely advertised and submissions invited from individuals and agencies likely to be affected.

Submissions received during this public review and comment period are considered by the Authority during further development of the policy.

After considering public submissions the Authority prepares a "revised draft" policy which is made available for public inspection and referred to the Minister for the Environment. The Minister for the Environment is then required to make reasonable

endeavour to consult with individuals and agencies likely to be affected by the policy. The Minister may then amend the revised draft policy, approve that policy by order and publish the "Approved Policy" in the *Gazette*. Approved Policies are subject to disallowance in either House of Parliament, and are required to be reviewed within 7 years of approval.

Interested persons and organisations are invited to submit written comments on the draft policy by 1 August 1994 to:

The Chairman
Environmental Protection Authority
Westralia Square
141 St Georges Terrace
PERTH WA 6001
(Attention: Mr Vaughn Cox)

Enquiries: call (09) 222 7000
fax (09) 322 1598

ENVIRONMENTAL PROTECTION ACT 1986

DRAFT ENVIRONMENTAL PROTECTION (SOUTH WEST AGRICULTURAL ZONE) (LAKES AND SWAMPS) POLICY 1994

PART 1 - PRELIMINARY

Citation

1. This policy may be cited as the *Environmental Protection (South West Agricultural Zone) (Lakes and Swamps) Policy 1994*.

Purpose of policy

2. The purpose of this policy is to establish management objectives, guidelines and measures for the protection of lakes and swamps in the South West agricultural zone.

Interpretation

3. In this policy, unless the contrary intention appears -
 - “**authorised authority**” means a decision-making authority prescribed by a resolution of the Authority;
 - “**clearing**” includes, in relation to native vegetation, destroying, removing or burning native vegetation;
 - “**conservation wetland**” means a wetland that is a conservation wetland in the Register;
 - “**district committee**” means a land conservation district committee established under section 23 of the *Soil and Land Conservation Act 1945*;
 - “**effluent**” means liquid, whether or not containing particles of matter, that is discharged, and includes sludge;
 - “**Lakes policy**” means the *Environmental Protection (Swan Coastal Plain Lakes) Policy 1992*;
 - “**mining operations**” has the same meaning as in section 8 (1) of the *Mining Act 1978*;
 - “**native vegetation**” means any plant species or community of species indigenous to a wetland;
 - “**policy area**” means the area defined in Schedule 1;
 - “**Register**” means the register of wetlands established under the *Environmental Protection (South West Agricultural Zone) (Lakes and Swamps Register) Regulations 1994*;
 - “**resource management wetland**” means a wetland that is a resource management wetland in the Register; and
 - “**wetland**” means a lake, or a swamp, as defined in Schedule 2;

Application

4. (1) Subject to subclause (2), this policy applies to wetlands in the policy area.
- (2) This policy does not apply to, or in relation to -
- (a) any activity that was approved under any written law, or lawfully undertaken, before this policy came into operation; or
 - (b) land within the policy area of the Lakes policy.

PART 2 - MANAGEMENT OF SOUTH WEST WETLANDS

Register

5. (1) The Authority is to record wetlands in the policy area in the Register.
- (2) Any person or organisation may request the Authority, in a form approved by the Authority, to add or delete any wetland to or from the Register, or to amend the entry in the Register in respect of any wetland.
- (3) The Authority may take any action, or it may take no action, as it considers appropriate in response to a request under subclause (2).
- (4) The Authority may obtain and consider the advice of a district committee in respect to a request under subclause (2).
- (5) The Register is available for public inspection during normal office hours at the head office of the Authority in Perth.

Wetland classifications

6. For the purposes of this policy, wetlands are classified as -
- (a) conservation wetlands;
 - (b) resource management wetlands; or
 - (c) multiple use wetlands.

Conservation wetlands

7. (1) A conservation wetland has a high degree of naturalness, or it provides a habitat for species of flora or fauna declared rare or endangered under the *Wildlife Conservation Act 1950*.
- (2) A typical conservation wetland may have a substantial amount of natural vegetation, or it may have significance because of its cultural or human use values.

Resource management wetlands

8. (1) A resource management wetland, although it does not have a high degree of naturalness, has significant natural attributes and functions.
- (2) A resource management wetland may be able to be rehabilitated and re-classified in the Register as a conservation wetland.

Multiple use wetlands

9. (1) A multiple-use wetland does not have a high degree of naturalness or significant natural attributes and functions and does not usually have, and is not usually located adjacent to, native vegetation.
- (2) Multiple use wetlands are not identified in the Register.

Beneficial uses of wetlands

10. (1) This clause describes the uses of wetlands that are declared to be beneficial uses to be protected under this policy.
- (2) The beneficial uses of conservation wetlands are -
- (a) the use of wetlands as a habitat for native flora or fauna;
 - (b) the use of wetlands as a refuge for birds, including birds that have migrated from the northern hemisphere;
 - (c) the use of wetlands as a focus of cultural and heritage values for communities living in the South West;
 - (d) the use of wetlands as an important aesthetic and passive recreational element of the natural landscape of the South West; and
 - (e) the use of wetlands as an important resource in studying the natural environment.
- (3) The beneficial uses of resource management wetlands are the uses mentioned in subclause (2) (a), (b), (c), (d) and (e) and the use of wetlands as an intrinsic part of the natural surface drainage system of the policy area.
- (4) The beneficial uses of multiple use wetlands are -
- (a) the use of wetlands as part of the natural and modified surface drainage systems of the South West;
 - (b) the use of wetlands as an important aesthetic and active recreational element of the natural landscape of the South West;
 - (c) the use of wetlands as a drought refuge for birds; and
 - (d) the use of wetlands as a source of minerals.

Environmental objectives for wetlands

11. (1) The environmental objective for conservation wetlands is to maintain and enhance their natural attributes and functions.
- (2) The environmental objective for resource management wetlands is, to the extent practicable, to maintain, enhance, replace and rehabilitate their natural attributes and functions.

- (3) The environmental objective for multiple use wetlands is to maintain their declared beneficial uses, consistent with their use for mineral exploitation or with their maintenance as part of the modified drainage system of the Soth West.

PART 3 - BASIS ON WHICH WETLANDS ARE TO BE PROTECTED AND PROGRAMME FOR PROTECTION OF WETLANDS

Status of wetlands

12. (1) Most wetlands in the South West have been destroyed or severely degraded.
- (2) Industrial, residential and agricultural activities in the South West continue to degrade wetlands by causing the loss of their native vegetation and the filling, drainage, flooding, nutrient enrichment and increased salinity of wetlands.
- (3) The management and protection of wetlands in the South West requires -
- (a) identifying beneficial uses;
 - (b) planning and managing land use to prevent harm to wetlands;
 - (c) co-operation by the community and government agencies; and
 - (d) controlling or preventing activities that pollute, destroy or degrade wetlands.

Activities that may pollute, destroy or degrade wetlands

13. The activities that may pollute, destroy or degrade wetlands classified under clauses 6(a) and (b) include -
- (a) filling wetlands with materials;
 - (b) drainage of water into or out of wetlands;
 - (c) carrying out excavation or mining operations in wetlands;
 - (d) clearing native vegetation in and adjacent to wetlands;
 - (e) disposing of or discharging effluent into wetlands; and
 - (f) increasing loadings of nutrients, sediments, water and chemicals from the surface and groundwater catchments of wetlands.

Programme for protecting Conservation and Resource Management wetlands

14. (1) The protection of Conservation and Resource Management wetlands, including achieving and maintaining the environmental objectives (clause 11), is to be effected by -
- (a) preventing or controlling activities that may pollute, destroy or degrade wetlands.

- (b) establishing a register of, and a classification system for, wetlands;
- (c) encouraging land and water management strategies, on a catchment area or regional basis, to promote the conservation of wetlands;
- (d) undertaking research to facilitate the conservation of wetlands and the management of catchment areas;
- (e) encouraging and assisting the owners of private wetlands to maintain, enhance and rehabilitate them on a voluntary basis; and
- (f) the State and local authorities ensuring that their decisions and actions are consistent with achieving the environmental objectives referred to in clause 11.

(2) The achievement of 1(c) and 1(e) above is to be effected by, but not limited to -

- (a) the development and promotion of management guidelines and codes of practice for agricultural land and water use to support broadacre agriculture and achievement of this policy's environmental objectives; and
- (b) voluntary adoption of above guidelines and codes of practice by landowners and land managers.

PART 4 - CONTROL OF CERTAIN ACTIVITIES IN THE POLICY AREA

Interpretation

15. In this Part, unless the contrary intention appears -

“authorized” means authorized;

- (i) by an authorised authority; or
 - (ii) under the Act in accordance with a works approval under Part V of the Act; a licence; a requirement contained in a pollution abatement notice under section 65; section 40 (1) (a) (by being informed by the Authority under that section that a proposal does not need to be assessed under Part IV of the Act); an agreement reached or a decision made under section 45; a direction under section 73; or an exemption under section 75;
- and,

“conservation wetland” means a wetland that is a conservation wetland in the Register, or a wetland vested in the National Parks and Nature Conservation Authority.

Filling of conservation wetlands prohibited

16. A person shall not cause or permit any material to be placed in such a position that the whole or any part of a conservation wetland is filled in unless the person is authorized to do so and is acting in accordance with that authorization.

Construction or alteration of drainage system for conservation wetlands prohibited

17. A person shall not cause or permit the construction or alteration of any system for the drainage of water onto or out of a conservation wetland unless -

- (a) the person is authorized to do so and is acting in accordance with that authorization; or
- (b) in the case of an alteration, the alteration is made in the course of and for the purpose of the general maintenance of an existing system for the drainage of water into or out of a wetland.

Excavation and mining in conservation wetlands prohibited

18. A person shall not cause or permit the carrying out of any excavation or mining operations in, on or under a conservation wetland unless the person is authorized to do so and is acting in accordance with the authorization.

Clearing of native vegetation from conservation wetlands prohibited

19. (1) Subject to subclause (2), a person shall not cause or permit the clearing of native vegetation from a conservation wetland unless the person is authorized to do so and is acting in accordance with that authorization.

- (2) Subclause (1) does not apply if the clearing -
 - (a) is carried out to the extent necessary to avoid an imminent risk of injury to any person or damage to property;
 - (b) is carried out for the purpose of harvesting, if the native vegetation was planted for the purpose;
 - (c) is carried out to the extent authorized by a licence issued under the *Wildlife Conservation Act 1950*;
 - (d) is carried out on a wetland by the owner, or in accordance with direction of the owner of that wetland, to the extent reasonably necessary for household purposes;
 - (e) is caused by stock grazing, if all reasonable and practicable measures have been taken by the person referred to in subclause (1) to prevent such grazing;
 - (f) is carried out in connection with eradicating, or reducing in number, declared plants under the *Agriculture and Related Resources Protection Act 1976*; or
 - (g) is carried out in accordance with the *Bush Fires Act 1954*.

Discharge or disposal of effluent into conservation wetlands prohibited

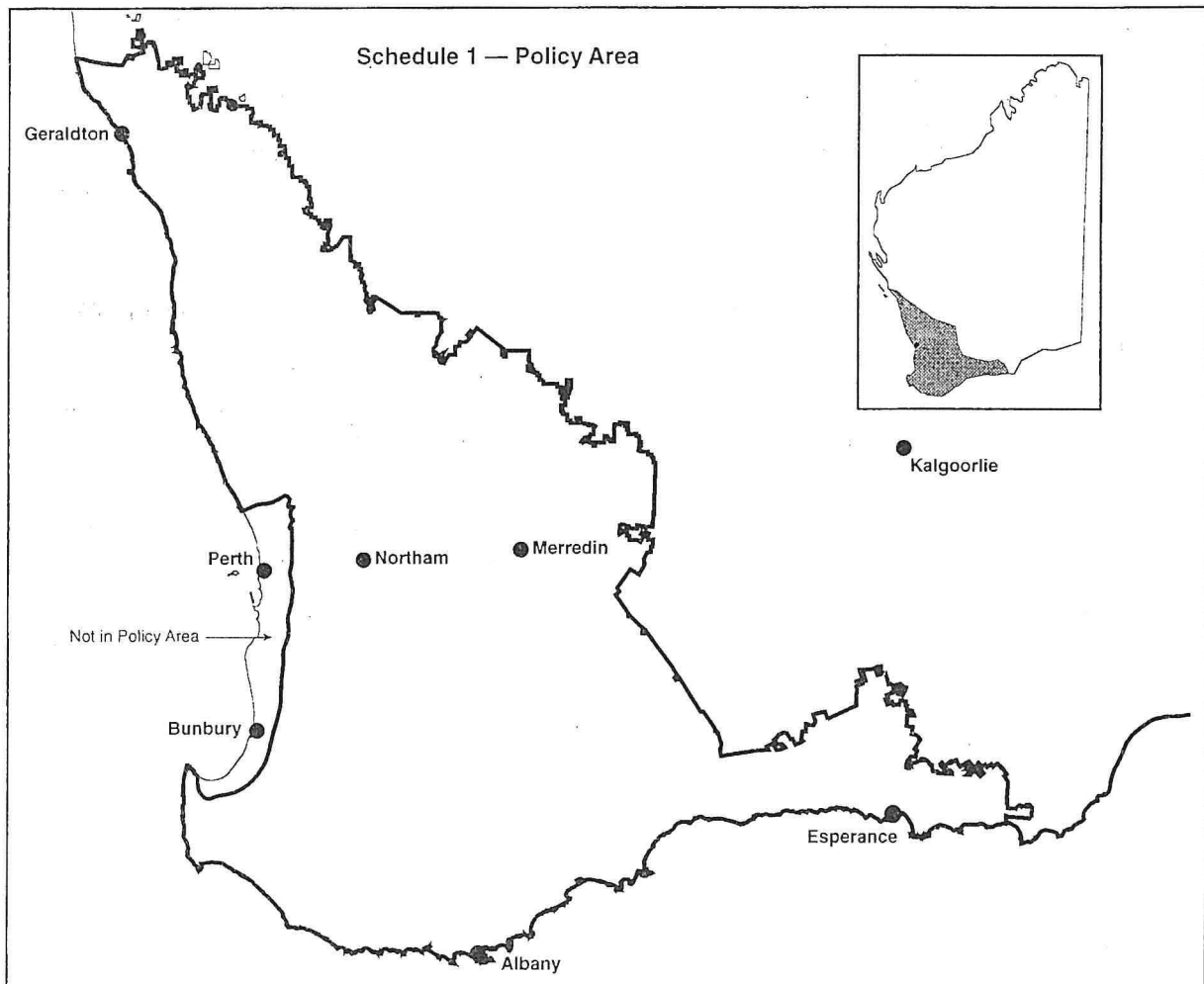
20. (1) Subject to subclause (2), a person shall not cause or permit the discharge or disposal of effluent into a conservation wetland unless the person is authorized to do so and is acting in accordance with that authorization.
- (2) Subclause (1) does not apply to, or in relation to, a substance (being a substance that is normally applied to land for agricultural or forestry purposes according to best practice) that, having been applied to land for such a purpose, enters a conservation wetland by a process of diffusion.

Offences and penalties

21. A person who contravenes clause 16, 17, 18, 19 (1) or 20 (1) commits an offence and is liable -

- (a) in the case of an individual, to a penalty not exceeding \$5 000 and, if the offence is a continuing offence, to a daily penalty not exceeding \$1 000; or
- (b) in the case of a body corporate, to a penalty not exceeding \$10 000 and, if the offence is a continuing offence, to a daily penalty not exceeding \$2 000.

Schedule 1: The South West Agricultural Zone



Not to scale

SCHEDULE 2 - ENVIRONMENTAL PROTECTION POLICY WETLANDS

Exemptions

1. Unless specified in the wetland register the following features are not wetlands under this policy -
 - (a) "Land Subject to Inundation" (wetland type 6);
 - (b) Wetland types 1 - 5, 7 and 8 where the wetland is directly associated with a river identified on the wetland plan.

Definition of wetlands

2. In this policy a wetland is land shown as a wetland type (Table 1) on any of the wetland plans (Table 2).

Table 1: Wetland types

Type	Definition
1	Perennial Lake; as defined on Sheet 2432 - III, Series R712, Edition 1 - LSWA
2	Intermittent Lake; as defined on Sheet 2432 - III, Series R712, Edition 1 - LSWA
3	Mainly Dry Lake or Clay Pan; as defined on Sheet 2432 - III, Series R712, Edition 1 - LSWA
4	Perennial Swamp; as defined on Sheet 2432 - III, Series R712, Edition 1 - LSWA
5	Intermittent Swamp; as defined on Sheet 2432 - III, Series R712, Edition 1 - LSWA
6	Land subject to inundation; as defined on Sheet 2432 - III, Series R712, Edition 1 - LSWA
7	Lake, Perennial; Non-Perennial; as defined on 2140 - III, Doutha Soak, 1:50 000 Cadastral Edition 1 LAWA
8	Swamp; Subject to inundation; as defined on 2140 - III, Doutha Soak, 1:50 000 Cadastral Edition 1 LAWA
9	Other; as specified in the wetland register

Table 2: Wetland Plans

#	Wetland Plan	Plan Date			
1	Ajana 1842 - III	December 1989	44	Bookara NW 1839 - I NW	November 1977
2	Albany 2427 - I	December 1989	45	Bookara SW & SE 1839 - I SW & SE	November 1977
3	Arrino NE 2039 - III NE	N/A	46	Borayukkin 2634 - II	December 1987
4	Arrino NW 2039 - III NW	N/A	47	Borden 2529 - I	November 1975
5	Arrino SE 2039 - III SE	N/A	48	Boscabel 2330 - IV	March 1980
6	Arrino SW 2039 - III SW	N/A	49	Bostock Swamp 3231 - II	July 1986
7	Arrowsmith 1938 - I	N/A	50	Botherling 2235 - I	December 1989
8	Babakin 2533 - IV	April 1980	51	Bottle Rock 2732 - IV	July 1976
9	Badgingarra 2037 - III	December 1975	52	Boullanger and Hill River 1837 - II & 1937 - III	N/A
10	Bagot 2730 - I	June 1980	53	Bowes 1741 - II NE	October 1987
11	Bald Rock 3131 - II	November 1984	54	Bowes 1741 - II NW	October 1987
12	Balingup 2030 - II	September 1980	55	Bowes 1741 - II SE	October 1987
13	Balkuling 2334 - III	September 1984	56	Bowgada 2139 - III	June 1988
14	Balla Tank 1942 - III	December 1989	57	Bowler 2731 - I	June 1980
15	Ballidu NE 2236 - I NE	May 1982	58	Boyup Brook 2130 - II	May 1974
16	Ballidu NW 2236 - I NW	May 1982	59	Bremer and Pt Cape Knob 2729 - II & Pt 2728 - I	February 1992
17	Ballidu SE 2236 - I SE	May 1982	60	Bridgetown 2130 - III	March 1981
18	Ballidu SW 2236 - I SW	May 1982	61	Brookton 2333 - III	April 1991
19	Bandalup 2930 - I	June 1984	62	Broomehill 2430 - III	April 1980
20	Bandy Creek 3330 - IV	September 1986	63	Bruce Rock 2534 - III	February 1984
21	Baring 3530 - IV	September 1988	64	Bulagin 2335 - II	December 1982
22	Beacon 2437 - II	February 1983	65	Bullfinch 2736 - III	October 1988
23	Beagle Island 1838 - II	N/A	66	Buntine 2238 - III	February 1983
24	Beaumont 3431 - III	October 1986	67	Burdett 3331 - III	September 1986
25	Beharra and Pt Cliff 1838 - IV & Pt 1838 - I	N/A	68	Burekup 2031 - II	December 1989
26	Bencubbin 2436 - II	December 1982	69	Burngup 2631 - IV	September 1980
27	Bendering 2533 - II	July 1980	70	Burrilgabby 2139 - I	July 1988
28	Beraking 2133 - I	November 1977	71	Cadoux NE 2336 - III NE	January 1983
29	Beverley 2233 - I	February 1982	72	Cadoux NW 2336 - III NW	January 1983
30	Bidaminna 2035 - IV	July 1978	73	Cadoux SE 2336 - III SE	January 1983
31	Billeranga 2039 - II	June 1987	74	Cadoux SW 2336 - III SW	January 1983
32	Bindi Bindi NE 2136 - I NE	N/A	75	Cairlocup 2630 - I	July 1980
33	Bindi Bindi NW 2136 - I NW	N/A	76	Caitup 3230 - IV	July 1986
34	Bindi Bindi SE 2136 - I SE	N/A	77	Calcalling 2536 - II	April 1983
35	Bindi Bindi SW 2136 - I SW	N/A	78	Calingiri 2135 - I	October 1978
36	Blackwood River 2330 - IV	August 1973	79	Cambrey 2030 - III	October 1980
37	Blain 2537 - II	N/A	80	Cameron Creek 2730 - IV	July 1980
38	Bland 2729 - I	September 1983	81	Canna 2040 - II	May 1991
39	Bluff Point 1742 - III	November 1988	82	Capitela NE 2036 - II NE	N/A
40	Bodallin 2635 - II	N/A	83	Capitela NW 2036 - II NW	N/A
41	Bonnie Rock 2536 - I	N/A	84	Capitela SE 2036 - II SE	N/A
42	Bopdarockin 2635 - I	October 1987	85	Capitela SW 2036 - II SW	N/A
43	Bookara NE 1839 - I NE	November 1977			

86	Carlecatup 2330 - II	March 1980	146	Dinninup 2230 - III	February 1990
87	Carlotta Brook 2029 - I	August 1992	147	Dongara NE 1839 - II NE	June 1987
88	Carnamah 2038 - I	March 1989	148	Dongara SE 1839 - II SE	June 1987
89	Caron 2138 - I	April 1989	149	Donnybrook 2030 - I	August 1975
90	Cervantes 1936 - IV	N/A	150	Doodlakine 2434 - I	March 1984
91	Challymenda 2040 - I	May 1991	151	Dookanooka 2038 - IV	April 1990
92	Charnwood NE 2029 - II NE	June 1982	152	Doutha Soak 2140 - III	March 1991
93	Charnwood NW 2029 - II NW	June 1982	153	Dowerin 2335 - IV	September 1984
94	Charnwood SE 2029 - II SE	June 1982	154	Dowley 2537 - I	N/A
95	Charnwood SW 2029 - II SW	June 1982	155	Dragon Rocks 2732 - III	August 1983
96	Chester Pass 2529 - III	August 1992	156	Dreyer 3031 - III	October 1984
97	Chidlow 2134 - II	April 1991	157	Drummond 2830 - III	September 1980
98	Chidnup 2831 - II	September 1980	158	Dryden Hill 2633 - III	June 1976
99	Chittering 2135 - III	February 1979	159	Dulyalbin Rock 2634 - I	November 1987
100	Clyde Hill 3431 - III	October 1986	160	Dumbleyung 2431 - III	October 1979
101	Cocanarup 2830 - I	November 1980	161	Duncan 2132 - I	July 1979
102	Collie 2131 - III	February 1992	162	Dunedin 2237 - I	N/A
103	Congelin 2232 - II	October 1977	163	Dwarda NE 2232 - III NE	N/A
104	Coolaring 2233 - IV	December 1980	164	Dwarda NW 2232 - III NW	N/A
105	Coomalbidup 3130 - I	September 1984	165	Dwarda SE 2232 - III SE	N/A
106	Coomallo 1937 - I	N/A	166	Dwarda SW 2232 - III SW	N/A
107	Coorancopping 2636 - III	July 1988	167	Dwellingup 2132 - IV	February 1990
108	Coorow 2138 - III	N/A	168	East Arthur 2331 - III	September 1979
109	Corinthia 2735 - IV	January 1988	169	Eclipse Lake 2632 - II	May 1976
110	Corrigin 2433 - II	July 1981	170	Edwards 2734 - I	January 1988
111	Coujinup 2931 - II	N/A	171	Ellen Peak 2529 - II	May 1976
112	Cowalellup 2629 - IV	June 1983	172	Eneabba 1938 - II	N/A
113	Cowalla 1937 - II	N/A	173	Eradu NE 1940 - IV NE	N/A
114	Cowaramup NE 1930 - III NE	September 1983	174	Eradu NW 1940 - IV NW	N/A
115	Cowaramup NW and Pt Mentelle NE 1930 - III NW & 1830 - II NE	N/A	175	Eradu SE 1940 - IV SE	N/A
116	Cowaramup SE 1930 - III SE	September 1983	176	Eradu SW 1940 - IV SW	N/A
117	Cowaramup SW and Pt Mentelle SE 1930 - III SW & 1830 - II SE	N/A	177	Erriary 1742 - II	October 1988
118	Coyrecup 2430 - I	February 1980	178	Esperance 3230 - II	September 1986
119	Cunderdin 2334 - IV	August 1983	179	Eurardy 1842 - IV	December 1989
120	Cybelup 2329 - III	August 1975	180	Evans 2130 - I	September 1992
121	Damboring NE 2236 - IV NE	N/A	181	Fanny Cove 3130 - III	September 1984
122	Damboring NW 2236 - IV NW	N/A	182	Florabel Hill 3531 - III	July 1988
123	Damboring SE 2236 - IV SE	N/A	183	Gabbinging 2436 - I	January 1983
124	Damboring SW 2236 - IV SW	N/A	184	Gardner River NE and Pt SE 2128 - III NE & Pt SE	N/A
125	Damperwah Hills 2239 - III	August 1988	185	Gardner River NW and Pt Black Head NE 2128 - III NW & Pt 2028 - II NE	N/A
126	Dandaragan NE 2036 - IV NE	August 1983	186	Geekabee 2329 - II	December 1975
127	Dandaragan NW 2036 - IV NW	August 1983	187	Geraldton NE 1840 - III NE	November 1979
128	Dandaragan SE 2036 - IV SE	August 1983	188	Geraldton NW 1840 - III NW	November 1979
129	Dandaragan SW 2036 - IV SW	August 1983	189	Geraldton SE 1840 - III SE	November 1979
130	Darkan 2231 - III	February 1992	190	Geranium Rock 2338 - III	N/A
131	Darlingup 2729 - IV	August 1983	191	Gibb Rock 2733 - IV	June 1983
132	Datatine 2431 - II	November 1979	192	Gilmore 3232 - IV	September 1991
133	Dattening 2232 - I	December 1977	193	Gnowangerup 2530 - III	April 1990
134	Deep River NE 2228 - III NE	N/A	194	Goomalling 2235 - II	October 1979
135	Deep River NW 2228 - III NW	N/A	195	Grass Valley 2234 - I	June 1979
136	Deep River SE 2228 - III SE	N/A	196	Green Range 2528 - I	August 1991
137	Deep River SW 2228 - III SW	N/A	197	Gulson 2732 - II	June 1983
138	Deeside NE 2129 - II NE	N/A	198	Hanley 3232 - II	September 1991
139	Deeside NW 2129 - II NW	N/A	199	Harrismith 2432 - II	January 1981
140	Deeside SE 2129 - II SE	N/A	200	Hatter Hill 2832 - II	August 1983
141	Deeside SW 2129 - II SW	N/A	201	Haul Off Rock and Pt Cape Riche 2628 - IV & Pt 2628 - I	July 1992
142	Dempster and Red Island 2829 - IV & PT I	July 1983	202	Hawkes and Pt Finger Is 3330 - II & Pt 3329 - I	October 1986
143	Denmark 2328 - II	February 1992	203	Henry 3330 - I	September 1986
144	Dewars Pool 2135 - II	June 1978	204	Herschell 2037 - IV	N/A
145	Dingo Rock 3231 - IV	October 1986			

205	Highbury 2331 - IV	July 1979	266	Kwolyin 2434 - II	February 1984
206	Highclere 2636 - II	November 1988	267	Kwornicup 2328 - I	February 1976
207	Hillman 2231 - II	August 1986	268	Lake Biddy 2631 - I	March 1980
208	Holleton 2734 - III	January 1988	269	Lake Bryde 2631 - II	April 1990
209	Hood 2829 - III	November 1983	270	Lake Camm 2832 - III	April 1983
210	Hopetoun 2930 - III	March 1992	271	Lake Campion 2535 - I	March 1982
211	Howatharra NE 1840 - IV NE	March 1979	272	Lake Clabburn 2229 - I	December 1982
212	Howatharra NW 1840 - IV NW	March 1979	273	Lake Cobham 2731 - II	February 1980
213	Howatharra SE 1840 - IV SE	March 1979	274	Lake Dalaroo NE 2036 - I NE	N/A
214	Howatharra SW 1840 - IV SW	March 1979	275	Lake Dalaroo NW 2036 - I NW	N/A
215	Hurlestone 2732 - I	June 1983	276	Lake Dalaroo SE 2036 - I SE	N/A
216	Hutt NE 1841 - IV NE	N/A	277	Lake Dalaroo SW 2036 - I SW	N/A
217	Hutt NW 1841 - IV NW	N/A	278	Lake De Courcy 2337 - IV	March 1983
218	Hutt SE 1841 - IV SE	N/A	279	Lake Dorothy 2531 - II	October 1979
219	Hutt SW 1841 - IV SW	N/A	280	Lake Dundas 3232 - II	N/A
220	Hyden 2633 - II	June 1976	281	Lake Goorly 2238 - II	April 1983
221	Indarra NE 1940 - I NE	June 1978	282	Lake Gore 3230 - III	July 1986
222	Indarra NW 1940 - I NW	June 1978	283	Lake Grace 2531 - I	January 1980
223	Indarra SE 1940 - I SE	June 1978	284	Lake Jasper NE 2029 - III NE	November 1981
224	Indarra SW 1940 - I SW	June 1978	285	Lake Jasper NW 2029 - III NW	November 1981
225	Jacup 2730 - II	August 1980	286	Lake Jasper SE 2029 - III SE	November 1981
226	Jalbaragup 2029 - IV	August 1992	287	Lake Jasper SW 2029 - III SW	November 1981
227	Jarrahdale 2133 - III	February 1979	288	Lake Joy 2630 - IV	October 1980
228	Jenabillup 3230 - I	July 1986	289	Lake King 2831 - IV	September 1980
229	Jennacubbine 2235 - III	March 1979	290	Lake Liddlelow 2733 - II	May 1983
230	Jerdacuttup 2930 - II	September 1984	291	Lake Mends 3131 - IV	May 1985
231	Jerramungup 2630 - II	September 1980	292	Lake Muir NE 2229 - III NE	N/A
232	Jilakin 2532 - I	July 1980	293	Lake Muir NW 2229 - III NW	N/A
233	Julia 2736 - II	September 1988	294	Lake Muir SE 2229 - III SE	N/A
234	Jumperkine 2134 - IV	September 1980	295	Lake Muir SW 2229 - III SW	N/A
235	Kalannie 2337 - III	N/A	296	Lake Nerramyne 1942 - II	December 1989
236	Karloning 2536 - IV	N/A	297	Lake O'Connor 2733 - III	September 1983
237	Karrakutta 2337 - I	N/A	298	Lake O'Grady 2337 - II	N/A
238	Karidale NE and Pt Tooker NW 1929 - IV NE & Pt 1829 - I NW	N/A	299	Lake Wallambin NE 2436 - III NE	N/A
239	Karidale NW 1929 - IV NW	N/A	300	Lake Wallambin NW 2436 - III NW	N/A
240	Karidale NW and Pt Tooker NE 1929 - IV NW & Pt 1829 - I NE	N/A	301	Lake Wallambin SE 2436 - III SE	N/A
241	Karidale SE 1929 - IV SE	N/A	302	Lake Wallambin SW 2436 - III SW	N/A
242	Karrouin 2537 - IV	February 1983	303	Lancelin 1935 - I	August 1986
243	Katanning 2430 - IV	November 1987	304	Latham 2138 - II	N/A
244	Kebaringup 2529 - IV	December 1975	305	Leeuwin NE and Pt SE 1929 - III NE & Pt SE	December 1983
245	Kellerberrin 2434 - IV	April 1984	306	Leeuwin NW 1929 - III NW	December 1983
246	Kerrigan 2632 - I	April 1990	307	Leseur 1937 - IV and Pt Green Head Pt 1837 - I	N/A
247	Kodj Kodjin 2435 - II	March 1983	308	Lilliecrona 3430 - I	November 1986
248	Kojonup 2330 - III	December 1979	309	Logue 1938 - III	N/A
249	Kokardine NE 2336 - IV	February 1983	310	Lomos 2433 - III	December 1981
250	Kokardine NW 2336 - IV NW	February 1983	311	Lowle 3131 - III	November 1984
251	Kokardine SE 2336 - IV SE	February 1983	312	Luptons 2233 - III	February 1992
252	Kokardine SW 2336 - IV SW	February 1983	313	Lynton NE 1741 - I NE	February 1988
253	Koolberin 2532 - III	January 1981	314	Lynton NW 1741 - I NW	February 1988
254	Koorda NE 2336 - II NE	N/A	315	Lynton SE 1741 - I SE	February 1988
255	Koorda NW 2336 - II NW	N/A	316	Lynton SW 1741 - I SW	February 1988
256	Koorda SE 2336 - II SE	N/A	317	Magdhaba 2831 - III	July 1980
257	Koorda SW 2336 - II SW	N/A	318	Magenta 2731 - III	March 1979
258	Kukerin 2531 - IV	November 1979	319	Mainnerup 2830 - IV	July 1980
259	Kulin 2532 - IV	March 1981	320	Malyalling 2432 - IV	July 1981
260	Kurgunning NE 2436 - IV NE	N/A	321	Marchagee 2137 - IV	N/A
261	Kurgunning NW 2436 - IV NW	N/A	322	Marradong 2132 - I	April 1991
262	Kurgunning SE 2436 - IV SE	N/A	323	Martinup 2430 - II	July 1992
263	Kurgunning SW 2436 - IV SW	N/A	324	Marvel Loch 2735 - II	May 1988
264	Kuringup 2530 - I	December 1979			
265	Kurrenkutten 2533 - III	December 1980			

325	Maublarling 2532 - II	October 1980	379	Mount Roe NW 2228 - I NW	N/A
326	Mears 2333 - II	August 1992	380	Mount Roe SE 2228 - I SE	N/A
327	Meerup NW & Pt Pike NE 2028 - I & Pt 2028 - IV NE	N/A	381	Mount Roe SW 2228 - I SW	N/A
328	Meerup SE & Pt SW 2028 - I SE & Pt SW	N/A	382	Mount Stewart 2832 - IV	April 1983
329	Meharry 3031 - II	November 1984	383	Mount Walker 2633 - I	February 1976
330	Merilup 2531 - III	February 1980	384	Muggerugging 2431 - IV	November 1979
331	Merredin 2535 - II	November 1982	385	Muja 2131 - II	April 1991
332	Midgi 2633 - IV	January 1993	386	Mukinbudin 2536 - III	January 1983
333	Miling 2137 - II	February 1984	387	Mullewa 2040 - IV	February 1991
334	Mindarra 2035 - I	June 1978	388	Mungarra NE 1940 - III NE	October 1977
335	Minelup 2631 - III	November 1980	389	Mungarra NW 1940 - III NW	October 1977
336	Mingenew NE 1939 - I NE	August 1987	390	Mungarra SE 1940 - III SE	October 1977
337	Mingenew NW 1939 - I NW	August 1987	391	Mungarra SW 1940 - III SW	October 1977
338	Mingenew SE 1939 - I SE	August 1987	392	Munglinup 3430 - II	November 1986
339	Mingenew SW 1939 - I SW	August 1987	393	Munglinup 3030 - I	February 1985
340	Minjin 2138 - IV	December 1988	394	Mungo 1941 - II	N/A
341	Mollerin 2437 - III	February 1983	395	Nalyerin 2131 - I	February 1990
342	Moltthomy 2734 - IV	January 1988	396	Nanga 2132 - III	August 1980
343	Mondurup 2429 - II	October 1975	397	Nangarup 3030 - II	August 1984
344	Mongeragarry 1841 - I	N/A	398	Nangeenan 2534 - IV	August 1984
345	Mongers Lake 2238 - IV	N/A	399	Nangerwalla 2041 - III	May 1991
346	Moodiarrup 2230 - I	December 1973	400	Nanson NE 1840 - I NE	November 1977
347	Moolyall 2931 - III	January 1985	401	Nanson NW 1840 - I NW	November 1977
348	Moonanup 3130 - II	April 1984	402	Nanson SE 1840 - I SE	November 1977
349	Moorine Rock 2735 - III	N/A	403	Nanson SW 1840 - I SW	November 1977
350	Morawa 2139 - IV	July 1988	404	Naremben 2533 - I	August 1982
351	Mortlock River 2235 - IV	July 1979	405	Narrogin 2332 - III	April 1982
352	Moulyinning 2431 - I	August 1979	406	Neridup 3430 - IV	October 1986
353	Mount Barker 2428 - IV	February 1992	407	New Norcia NE 2136 - III NE	March 1984
354	Mount Dillon NE 2236 - II NE	N/A	408	New Norcia NW 2136 - III NW	March 1984
355	Mount Dillon NW 2236 - II NW	N/A	409	New Norcia SE 2136 - III SE	March 1984
356	Mount Dillon SE 2236 - II SE	N/A	410	New Norcia SW 2136 - III SW	March 1984
357	Mount Dillon SW 2236 - II SW	N/A	411	Newcarlebon NE 2336 - I NE	December 1982
358	Mount Frankland NE 2228 - II NE	N/A	412	Newcarlebon NW 2336 - I NW	December 1982
359	Mount Frankland NW 2228 - II NW	N/A	413	Newcarlebon SE 2336 - I SE	December 1982
360	Mount Frankland SE 2228 - II SE	N/A	414	Newcarlebon SW 2336 - I SW	December 1982
361	Mount Frankland SW 2228 - II SW	N/A	415	Newdegate 2731 - IV	July 1980
362	Mount Groper and Pt Cape Riche 2629 - II & Pt 2628 - I	May 1983	416	Nolba NE 1841 - II NE	October 1987
363	Mount Hawke 2137 - I	N/A	417	Nolba NW 1841 - II NW	October 1987
364	Mount Johnson NE 2228 - IV NE	N/A	418	Nolba SE 1841 - II SE	October 1987
365	Mount Johnson NW 2228 - IV NW	N/A	419	Nolba SW 1841 - II SW	October 1987
366	Mount Johnson SE 2228 - IV SE	N/A	420	Noorubup 2528 - IV	February 1990
367	Mount Johnson SW 2228 - IV SW	N/A	421	Norpa 2534 - I	December 1982
368	Mount Lefroy 1939 - III	February 1987	422	Northam 2234 - IV	April 1980
369	Mount Madden 2831 - I	July 1980	423	Northampton NE 1841 - III NE	June 1988
370	Mount Manypeaks 2528 - II	June 1992	424	Northampton NW 1841 - III NW	June 1988
371	Mount Melara NE 2039 - IV NE	N/A	425	Northampton SE 1841 - III SE	June 1988
372	Mount Melara NW 2039 - IV NW	N/A	426	Northampton SW 1841 - III SW	June 1988
373	Mount Melara SE 2039 - IV SE	N/A	427	Northcliffe NE 2128 - IV NE	N/A
374	Mount Melara SW 2039 - IV SW	N/A	428	Northcliffe NW 2128 - IV NW	N/A
375	Mount Merivale and Pt Mondrain 3330 - III & Pt 3329 - IV	October 1986	429	Northcliffe SE 2128 - IV SE	N/A
376	Mount Ney 3331 - II	September 1986	430	Northcliffe SW 2128 - IV SW	N/A
377	Mount Observation 2234 - III	July 1978	431	Northover 3031 - IV	N/A
378	Mount Roe NE 2228 - I NE	N/A	432	Nukarni 2535 - III	December 1982
			434	Number Nine Bore 1941 - IV	March 1987
			435	Nungarin 2535 - IV	March 1982
			436	Nyabing 2530 - IV	October 1992
			437	Oldfield 3030 - IV	October 1984
			438	Ongerup 2530 - II	February 1980
			439	Opossum Swamp 2038 - III	N/A
			440	Orleans 3430 - III	February 1987
			441	Owingup and Parry Inlet 2327 - IV & 2328 - III	January 1981

442	Oyster Harbour 2428 - II	September 1980	502	Shannon SW 2128 - I SW	N/A
443	Pallinup 2629 - III	May 1983	503	Skeleton Rock 2734 - II	N/A
444	Pantapin 2434 - III	February 1985	504	Southern Cross 2735 - I	February 1988
445	Pederah 2632 - IV	February 1976	505	Starvation Boat Harbour 3030 - III	July 1984
446	Pemberton NE 2129 - III NE	N/A	506	Styles 3231 - I	August 1986
447	Pemberton NW 2129 - III NW	N/A	507	Swallow Rock 2931 - IV	February 1985
448	Pemberton SE 2129 - III SE	N/A	508	Tallanalla 2131 - IV	February 1990
449	Pemberton SW 2129 - III SW	N/A	509	Tallering 2041 - IV	May 1991
450	Pencell 1842 - II	December 1989	510	Tambellup 2429 - IV	February 1990
451	Peniup 2629 - I	June 1983	511	Tammin 2334 - I	February 1985
452	Perenjori 2139 - II	July 1988	512	Tampu 2437 - I	N/A
453	Piawaning NE 2136 - II NE	April 1984	513	Tanche 2037 - II	January 1984
454	Piawaning NW 2136 - II NW	April 1984	514	Tandagin 2634 - IV	N/A
455	Piawaning SE 2136 - II SE	April 1984	515	Tardun 2040 - III	May 1991
456	Piawaning SW 2136 - II SW	April 1984	516	Tenterden 2429 - III	April 1991
457	Piesseville 2331 - I	October 1979	517	Tonebridge 2229 - IV	December 1992
458	Pikaring 2433 - IV	April 1981	518	Toodyay 2134 - I	November 1992
459	Pindar 2041 - II	May 1991	519	Toolbrunup 2429 - I	September 1975
460	Pingaring 2632 - III	March 1976	520	Toolibin 2432 - III	November 1981
461	Pingelly 2332 - IV	June 1982	521	Torbay 2427 - IV	February 1992
462	Pinjarrega 2037 - I	December 1983	522	Trayning 2435 - I	March 1982
463	Pintharuka 2039 - I	May 1987	523	Twertup 2730 - III	May 1991
464	Pithara 2237 - III	N/A	524	Two Peoples Bay and Breaksea 2528 - III & 2527 - IV	April 1990
465	Point Jedacorrudup & Pt Cape Arid 3530 - III & Pt 3529 - IV	June 1988	525	Uannup 2329 - IV	May 1975
466	Porongorups 2428 - I	June 1992	526	Wadderin 2534 - II	July 1982
467	Port Gregory NE 1741 - IV NE	October 1987	527	Wagin 2331 - II	September 1979
468	Port Gregory SE 1741 - IV SE	October 1987	528	Wainbup NE 2128 - II NE	N/A
469	Quairading 2333 - I	April 1990	529	Wainbup NW 2128 - II NW	N/A
470	Quajabin 2333 - IV	December 1981	530	Wainbup SE 2128 - II SE	N/A
471	Qualeup 2230 - II	September 1974	531	Wainbup SW 2128 - II SW	N/A
472	Quelagetting 2335 - III	November 1984	532	Walebing NE 2136 - IV NE	August 1984
473	Quindanning NE 2231 - IV NE	November 1977	533	Walebing NW 2136 - IV NW	August 1984
474	Quindanning NW 2231 - IV NW	November 1977	534	Walebing SE 2136 - IV SE	August 1984
475	Quindanning SE 2231 - IV SE	November 1977	535	Walebing SW 2136 - IV SW	August 1984
476	Quindanning SW 2231 - IV SW	November 1977	536	Walkaway NE 1840 - II NE	September 1980
477	Quindinup NE 2229 - II NE	N/A	537	Walkaway NW 1840 - II NW	September 1980
478	Quindinup NW 2229 - II NW	N/A	538	Walkaway SE 1840 - II SE	September 1980
479	Quindinup SE 2229 - II SE	N/A	539	Walkaway SW 1840 - II SW	September 1980
480	Quindinup SW 2229 - II SW	N/A	540	Walyahmoning 2636 - IV	September 1988
481	Rame Head NE 2227 - I NE	N/A	541	Walyengarra 1936 - II	N/A
482	Rame Head NW 2227 - I NW	N/A	542	Wanarra 2238 - I	N/A
483	Ratcliffe 2327 - I	February 1990	543	Wandering 2232 - IV	December 1977
484	Ravensthorpe 2930 - IV	April 1991	544	Wannamal 2135 - IV	February 1979
485	Red Lake 3231 - IV	July 1986	545	Wardanm 2338 - II	N/A
486	Redmond 2428 - III	July 1981	546	Warralakin 2635 - IV	N/A
487	Remlap 2437 - IV	February 1983	547	Warramurrup and Pt Smooth Rocks 2729 - III & Pt 2728 - IV	October 1983
488	Roberts 3131 - I	March 1985	548	Warrenup 2329 - I	May 1975
489	Rocky Gully 2328 - IV	March 1976	549	Watheroo 2137 - III	N/A
490	Rosa NE 1929 - I NE	February 1982	550	Wedge Island 1936 - III	March 1985
491	Rosa NW 1929 - I NW	February 1982	551	Welcome Swamp 3031 - I	N/A
492	Rosa SE 1929 - I SE	February 1982	552	Westonia 2635 - III	October 1987
493	Rosa SW 1929 - I SW	February 1982	553	Whicher NE 1930 - II NE	February 1982
494	Saddle Island NE 2227 - IV NE	N/A	554	Whicher NW 1930 - II NW	February 1982
495	Saddle Island NW & Pt Chatham NE 2227 - IV NW & Pt 2127 - I NE	N/A	555	Whicher SE 1930 - II SE	February 1982
496	Salmon Gums 3232 - III	March 1992	556	Whicher SW 1930 - II SW	February 1982
497	Scaddan 3231 - III	June 1986	557	White Point NE & Pt SE 1929 - II NE & Pt SE	November 1981
498	Sewell 2432 - I	December 1980	558	White Point NW 1929 - II NW	November 1981
499	Shannon NE 2128 - I NE	N/A	559	Whoogarup 2830 - II	February 1981
500	Shannon NW 2128 - I NW	N/A	560	Wialki 2537 - III	N/A
501	Shannon SE 2128 - I SE	N/A			

561	Wilga 2130 - IV	May 1981	586	Yallingup SW & Pt Clairault SE 1930 - IV SW & Pt 1830 - I SE	N/A
562	Wilgarup 2129 - IV	September 1992	587	Yardarino NE 1939 - IV NE	N/A
563	Wilgie 2237 - II	N/A	588	Yardarino NW 1939 - IV NW	N/A
564	Williams 2231 - I	August 1992	589	Yardarino SE 1939 - IV SE	N/A
565	Winchester 2038 - II	N/A	590	Yardarino SW 1939 - IV SW	N/A
566	Wogarl 2634 - III	January 1988	591	Yatheroo NE 2036 - III NE	N/A
567	Wogerlin 2433 - I	March 1981	592	Yatheroo NW 2036 - III NW	N/A
568	Wongan Hills NE 2236 - III NE	December 1982	593	Yatheroo SE 2036 - III SE	N/A
569	Wongan Hills NW 2236 - III NW	December 1982	594	Yatheroo SW 2036 - III SW	N/A
570	Wongan Hills SE 2236 - III SE	December 1982	595	Yelbeni 2435 - IV	August 1982
571	Wongan Hills SW 2236 - III SW	December 1982	596	Yerraminnup 2129 - I	August 1992
572	Wongonderrah 1936 - I	N/A	597	Yilliminning 2332 - II	July 1992
573	Wongoondy NE 1940 - II NE	October 1977	598	York 2234 - II	October 1979
574	Wongoondy NW 1940 - II NW	October 1977	599	Yorkrakine 2435 - III	February 1984
575	Wongoondy SE 1940 - II SE	October 1977	600	Youndegin 2334 - II	January 1985
576	Wongoondy SW 1940 - II SW	October 1977	601	Young River 3130 - IV	November 1984
577	Woodanilling 2230 - I	May 1991	602	Youraling 2233 - II	April 1979
578	Woondingellup 2630 - III	August 1980	603	Yuna NE 1941 - III NE	June 1987
579	Woyerling 2332 - I	July 1992	604	Yuna NW 1941 - III NW	June 1987
580	Wubin 2237 - IV	N/A	605	Yuna SE 1941 - III SE	June 1987
581	Wyalkatchem 2335 - I	February 1982	606	Yuna SW 1941 - III SW	June 1987
582	Yaganing 2133 - II	January 1978	607	Yuwarana 1939 - II	February 1987
583	Yalalinga 1941 - I	N/A			
584	Yallingup NW & Pt Clairault NE 1930 - IV NW & Pt 1830 - I NE	N/A			
585	Yallingup SE 1930 - IV SE	N/A			

ENVIRONMENTAL PROTECTION ACT 1986

ENVIRONMENTAL PROTECTION (SOUTH WEST AGRICULTURAL ZONE) (LAKES AND SWAMPS REGISTER) REGULATIONS 1994

Citation

1. These regulations may be cited as the *Environmental Protection (South West Agricultural Zone) (Lakes and Swamps Register) Regulations 1994*.

Commencement

2. These regulations shall come into operation on the day on which the policy comes into operation.

Interpretation

3. In these regulations -

“**Conservation wetland**” means land specified in Schedule 1 of these regulations;

“**Resource Management wetland**” means a wetland in Schedule 2 of these regulations; and

“**the policy**” means the *Environmental Protection (South West Agricultural Zone) (Lakes and Swamps) Policy 1994*

Purpose of regulations

4. The purpose of these regulations is to establish a wetland register in accordance with requirements of the policy (clause 5).

Wetland register

5. (1) The wetland register shall consist of a register of -

- (i) Conservation wetlands as defined under clause 7 of the policy (Schedule 1); and
- (ii) Resource Management wetlands as defined under clause 8 of the policy (Schedule 2).

- (2) For the purposes of the policy and the register, Multiple Use wetlands are wetlands defined under the policy and not included in Schedule 1 or 2 of these regulations.

SCHEDULE 1: CONSERVATION WETLANDS

Conservation wetlands (examples only)

#	Name	Type	location	AMG E, AMG N	(m)
25	Arrowsmith Lake	6	V11026	314050, 6730300	350
48	Fitzes Swamp	5,9	Ko4113	510000, 6276600	1100
48	Toojeelup Swamp	5	Ko3674	507600, 6282900	250
48	Rushy Lake	5	Ko4842, Ko6777, Ko7392, Ko2862	514200, 6266150	450
48		5	Ko3674	507700, 6282650	150
48		5	Ko5164	504900, 6286800	250
52	Dingo Swamp	7	M3117	316900, 6627450	250
108	Gypsum Lake	6	V7020	420300, 6892500	300
146	Kulikup Swamp	2	N*	469350, 6257100	350
146		2	N1810	456450, 6257100	150
146		4	N2483	468400, 6262400	150
146		4	N2825	462650, 6259150	100
146		2	N2965	468000, 6257600	300
146		4	N2979	471550, 6256850	175
146		4	N2979	471750, 6256450	100
146		4	N2979, N10619	471350, 6257050	175
146		2	N2996	472800, 6255200	300
146		2	N2996, N3672, N3671	473500, 6255200	450
146		4	N3492	457850, 6551450	100
178	Lake Warden	1	E*	395000, 6257000	-
265		9	^12900	603300, 6412300	-
269	Lake Bryde	2	^26667	669850, 6308200	600
286	Lake Jasper	6	^26628	378500, 6191500	-
292	Unicup Lake	6,7	^25798	475000, 6199500	1100
317	Bennetts Lake	2	^31424	748550, 6291750	600
346		3	Ko4619	494000, 6284800	275
471	Qualeup Lake	1	^18148	477900, 6255200	700
471		3	N2787, N2791	478900, 6254200	125
471		3	N2788	479100, 6254700	175
471		3	N2790	478500, 6254800	300
471		3	Ko9180, Ko8943	484450, 6256300	150
498		4	^29660	509400, 6163000	1000
505	Lake Shaster	1	^32339	285000, 6249500	-
520	Toolibin Lake	1	^24556	556500, 6357000	-
520		2	Wi5281, Wi5360	558400, 6356300	150
520		1	^9617	558500, 6358500	300
520		2	^9617	557850, 6358850	200
524	Ten Mile Swamp	4	P5964	602600, 6149400	450
544	Lake Wannamal	1	^9838, Sw2218, Sw2304, Sw1880, Sw2422	409000, 6556550	200
547		4,9	K1518	697450, 6219200	800

In the column "location",

Agricultural District	Annotation
Avon	A
Canning	C
Cockburn Sound	Co
Dempster	D
Edel	E
Esperance	Es
Fitzgerald	F
Hay	H
Jerramungup	J
Kent	K
Kojonup	Ko
Leake	L
Melbourne	M
Moore	Mo

Agricultural District	Annotation
Murchison	Mu
Murray	Mr
Nelson	N
Neridup	Ne
Ninghan	Ni
Oldfield	O
Plantagenet	P
Roe	R
Sussex	S
Swan	Sw
Victoria	V
Wellington	W
Williams	Wi

In Schedule 1, "#" means wetland plan listed in Schedule 2 of the policy; "*" means not shown on wetland plan; "Type" means wetland type(s) listed in Schedule 1 of the policy; "Radius" describes the extent of wetland referenced to AMG E and AMG N; "location" denotes land parcels containing whole or portion of the wetland; "^" denotes reserved land; "AMG E, AMG N" denotes coordinates referenced to the Australian Map Grid; "-" means the extent of the land parcel.

SCHEDULE 2: RESOURCE MANAGEMENT WETLANDS

Resource Management wetlands

#	Name	Type	Loc.	AMG
132	Coombelberrup Lake	2	^10472	572700, 6303500
132		2	6815	569850, 6305100
132		2	7558	570900, 6306950
160	Dumbleyung Lake	1	^26664	560000, 6311000
160		2	4322	569700, 6305000
160		2	4130	549500, 6310500
160		2	7659	567300, 6304600
160		2	^2137	568000, 6304500
520	Billy Lake	1	^9628	549850, 6349700
520	Bokan Lake	1	^9551	549000, 6349300
520	Dulbinning Lake	1	^9617	557500, 6359100
520		2	5281	557000, 6356000
520		3	7357	564000, 6361750
520	Nomans Lake	1	^26785	546900, 6348900
520	Taarblin Lake	1	^9550	552000, 6354000
520	Walbyring Lake	2	^14398	555100, 6355350
527	Lake Quarbing	2	^12236	529800, 6303500
527	Lime Lake	2	^2091	535500, 6303000
527	Little Norring Lake	2	^24792	531500, 6305000
527	Little Parkeyerring Lake	2	^10470	528500, 6301500
527		2	^27609	526300, 6394800
527		2	1315	528700, 6298300
527		2	2131	527350, 6294850

527		2	2133	526850, 6295150
527		2	2133	527300, 6295200
527		2	^27609	526000, 6294400
527		5	3394	529350, 6302200
527		2	4137	530900, 6302750
527		2	4137	531150, 6302500
527		2	4296	529200, 6298000
527		2	4296	529350, 6297950
527		2	4296	529550, 6297900
527		2	7652	532500, 6306000
527		2	537	532600, 6305000
527		2	8826	531350, 6302150
527		2	8041	532700, 6301550
527		2	^2091	534350, 6301800
527		2	^2091	534500, 6301950
527		2	^2091	534800, 6302850
527		3	^2091	535000, 6302550
527		3	^2091	534900, 6302300
527		3	^2091	534700, 6302500
527	Norring lake	2	^17253	527000, 6299000
527	Parkeyerring Lake	2	^10733	532000, 6308000
527	Wagin Lake	2	*	532000, 6310000

"#" denotes wetland plan number; "Type" means wetland type(s); "AMG E, AMG N" denotes wetland coordinates referenced to the Australian Map Grid; "location" denotes land parcel containing the greater portion of the wetland; "^" denotes reserved land.