

Revised Draft Environmental Protection Policy for South West Wetlands

**Environmental Protection Authority
Perth, Western Australia
May 1995**

A summary of the Revised Draft South West Wetlands Policy

In December 1993 the Environmental Protection Authority published for comment a draft Environmental Protection Policy for wetlands of the State's South West Agricultural Region.

The EPA has considered submissions received on the draft policy, prepared a revised draft and is now making that revised draft available for public inspection. The revised draft has also been referred to the Minister for the Environment who will undertake further consultation with affected parties.

The Revised Draft Wetlands Policy

The policy has a number of important features:-

- 1) **the policy area** is the agricultural south west, except the southern portion of the Swan Coastal Plain, and **wetlands** are landscape features usually referred to as lakes or swamps (this includes fresh, brackish and saline wetlands).
- 2) the policy establishes three **wetland management categories**:-
 - Conservation: wetlands that have very high or special conservation values;
 - Resource Enhancement: wetlands that are degraded but have significant nature conservation values;
 - Multiple Use: wetlands that are severely degraded and have negligible nature conservation value.
- 3) the policy establishes a **Register** of Conservation and Resource Enhancement wetlands.
- 4) the policy protects the most important wetlands from illegal filling, mining, discharge of industrial effluent, certain forms of drainage and clearing and destruction of fringing or emergent vegetation. "**Protected wetlands**" under the policy are:-
 - wetlands on public lands (reserves, National Parks, etc); and,
 - nominated private Conservation and Resource Enhancement wetlands.

Privately owned wetlands protected under the policy are registered with the owner's consent.

- 5) protected wetlands are recorded in the Register. The extent of a protected wetland is defined by a combination of land and geographical information. This includes:-
 - wetland name;
 - Shire and Agricultural District in which the wetland is located;
 - properties containing all or part of the wetland; and
 - where necessary, Australian Map Grid specifications.
- 6) the policy establishes a procedure to proclaim "**Priority Catchment Plans**" for protected wetlands, which become a basis for catchment management. The construction of any drainage works in the area of a plan would need to be consistent with plan specifications. Relevant landcare groups and agencies will be invited to assist in determining the area of plans and management specifications.
- 7) To aid wetland conservation, the policy requires the Department of Environmental Protection, in consultation with key groups, to:-
 - develop and promote **Best Management Practices**, and
 - establish an interagency **Partnership Agreement**.

- 8) the protection of Conservation category wetlands and implementation of Priority Catchment Plans are a focus for conservation works and funding by relevant agencies and funding bodies. These wetlands and plans should be an important element of regional land conservation strategies across the agricultural south west.

Copies of the revised draft policy are available free of charge from the Department of Environmental Protection, or may be viewed at your local Shire or Department of Agriculture office.

General enquiries and nomination of protected wetlands can be made to Mr Vaughn Cox, Department of Environmental Protection (141 St Georges Terrace, Perth, 6000. Phone 09 222 7000 or fax 09 322 1598).

Comments on the revised draft should be addressed to the Minister for the Environment and may be sent to the above address.

ENVIRONMENTAL PROTECTION ACT 1986

**REVISED DRAFT ENVIRONMENTAL PROTECTION (SOUTH WEST
AGRICULTURAL ZONE WETLANDS) POLICY 1995**

The Government of Western Australia,

Conscious of the intrinsic value of biological diversity and of the ecological, genetic, social, economic, scientific, educational, cultural, recreational and aesthetic values of biological diversity and its components;

Concerned that the biological diversity of wetlands is being significantly reduced by certain human activities;

Noting that it is vital to anticipate, prevent and address the causes of significant reduction or loss of biological diversity at source;

Noting also that where there is a threat of significant reduction or loss of biological diversity, lack of full scientific certainty should not be used as a reason for postponing measures to avoid or minimize such a threat;

Stressing the importance of, and the need to promote local, regional and state co-operation between landowners, landowner groups, government and non-government organisations;

Recognising the historical nature of landuse patterns and the economic needs of landowners;

Recognising also that landowners produce goods for the well-being of the community in Australia and abroad, and need to do so in an increasingly competitive market;

Recognising further that the production of agricultural goods has to be achieved in a manner which sustains the land's capability of continuing to produce such goods and which maintains and enhances the integrity of natural processes and biological diversity;

Determined to conserve biological diversity of wetlands for the benefit of present and future generations;

establishes the following:

PART 1 - PRELIMINARY

Citation

1. This policy may be cited as the *Environmental Protection (South West Agricultural Zone Wetlands) Policy 1995*.

Purpose of policy

2. The purpose of this policy is to prevent the further loss of wetland area or degradation of valuable wetlands and wetland types, and promote wetland creation and restoration in the State's South West Agricultural Zone.

Interpretation

3. (1) In this policy, unless the contrary intention appears -

“authorized” means -

- (a) authorized by an authorized body;
- (b) authorized under a written law before this policy was approved;
- (c) authorized under the Act in accordance with -
 - (i) a works approval under Part V of the Act;
 - (ii) a licence;
 - (iii) a requirement contained in a pollution abatement notice under section 65 of the Act;
 - (iv) section 40 (1) (a) of the Act (by being informed by the Authority under that section that a proposal does not need to be assessed under Part IV of the Act);
 - (v) an agreement reached or a decision made under section 45 of the Act;
 - (vi) a direction under section 73 of the Act; or
 - (vii) an exemption under section 75 of the Act.

“authorized body” means -

- (a) a prescribed decision-making body;
- (b) the National Parks and Nature Conservation Authority established by section 21 of the *Conservation and Land Management Act 1984*, in relation to a wetland vested in that Authority; or
- (c) the Lands and Forests Commission established by section 18 of the *Conservation and Land Management Act 1984*, in relation to a wetland vested in that Commission;

“beneficial uses”, in relation to a classification of wetlands, means the beneficial uses of that classification of wetlands declared under clause 11;

“clearing” in relation to native vegetation, includes cutting down, removing, destroying, burning or otherwise damaging native vegetation;

“conservation wetland” means a wetland classified as a conservation wetland in accordance with clause 8;

“district committee” means a land conservation district committee established under section 23 of the *Soil and Land Conservation Act 1945*;

“ecoregion” means an area of land in the policy area that is identified as a natural resource zone in Allison, H.E. et al, *Natural Resource Zones of the South West Land Division, Western Australia*, published in October 1993 by the Environmental Protection Authority, Perth, in Technical Series Bulletin 55;

“effluent” means any waste material discharged from industrial premises;

“mining operations” has the same meaning as in section 8 (1) of the *Mining Act 1978*;

“multiple use wetland” means a wetland classified as a multiple use wetland in accordance with clause 10;

“native vegetation” means any plant species indigenous to a wetland;

“policy area” means the area referred to in clause 5;

“prescribed” means prescribed by regulations made under section 123 of the Act;

“Priority Catchment Plan” means, for the purpose of a wetland recorded in Table 3 or 4 of the Register, the prescribed surface water catchment and environmental management standards for the achievement of policy environmental objectives;

“protected wetland” means a wetland that is recorded in Table 3 or 4 of the Register;

“Register” means the register of wetlands in the policy area established under the *Environmental Protection (South West Agricultural Zone) (Protected Wetlands Register) Regulations 1995*;

“resource enhancement wetland” means a wetland classified as a resource enhancement wetland in accordance with clause 9;

“this policy” means this environmental policy;

“wetland” means land subject to permanent or seasonal inundation or waterlogging, whether fresh, brackish or saline, flowing or static, but does not generally include estuaries, rivers or their tributaries.

(2) Words and expressions used in the policy have the same respective meanings as in the Act.

Policy Area

4. (1) The policy area is the area of land, known as the South West Agricultural Zone, that is described as the policy area on Miscellaneous Plan No.XXX, that plan being certified by the Minister as the plan prepared for the purpose of defining the policy area.

(2) The policy area does not include the area defined as the Swan Coastal Plain in Schedule 1 to the *Environmental Protection (Swan Coastal Plain Lakes) Policy 1992*.

(3) Miscellaneous Plan No.XXX is available for inspection during normal office hours at the head office of the Department of Environmental Protection.

(4) A copy of Miscellaneous Plan No.XXX and Priority Catchment Areas are available for inspection during normal office hours at offices of the Department of Environmental Protection

(5) For information purposes, a copy of Miscellaneous Plan No.XXX is set out in Schedule 1.

Application

5. This policy applies to land in the policy area.

PART 2 - MANAGEMENT OF SOUTH WEST WETLANDS

Register

6. (1) The Authority is to record in Tables 1 and 2 of the Register, respectively, all Conservation and Resource Enhancement wetlands.
- (2) The Authority is to record in Tables 3 and 4, respectively, all Conservation and Resource Enhancement wetlands protected under Part 4 of this policy.
- (3) 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.
- (4) When a request is made under subclause (3) to add a wetland to Table 3 or 4 of the Register, the Authority is to consult with the owner of the wetland that is the subject of that request and may only give effect to that request with the owners approval.
- (5) Subject to subclause (4), the Authority may take any action, or it may take no action, as it considers appropriate in response to a request under subclause (3).
- (6) The Register is available for public inspection during normal office hours at offices of the Department of Environmental Protection.
- (7) In subclause (4), “owner” includes the person in whom the care, control and management of a wetland is vested.

Wetland classifications

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

Conservation wetlands

8. (1) A wetland is classified as a conservation wetland if it has a high degree of value for nature conservation or if it provides a habitat for fauna declared likely to become extinct, rare or otherwise in need of special protection, or for flora declared rare flora, under the *Wildlife Conservation Act 1950*.

- (2) A typical conservation wetland -
- (a) may have a substantial amount of native vegetation;
 - (b) may have significance because of its cultural or human use values; or
 - (c) may be one of the most natural wetlands in the ecoregion.

Resource Enhancement wetlands

9. (1) A resource enhancement wetland, although it does not have a high degree of naturalness, has significant natural attributes and functions.
- (2) A resource enhancement wetland may be able to be rehabilitated and registered as a conservation wetland.

Multiple Use wetlands

10. (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) A multiple use wetland may be able to be rehabilitated and registered as a resource enhancement wetland.
- (3) Multiple use wetlands are not listed in the Register.

Beneficial uses of wetlands

11. (1) This clause identifies 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) their use as a habitat for flora or fauna, including migratory or threatened species;
 - (b) their use as a focus of cultural and heritage values for communities living in the policy area;
 - (c) their use as an intrinsic part of the natural surface and groundwater drainage system of the policy area;
 - (d) their use as an important aesthetic element of the natural landscape of the policy area;
 - (e) their use as an important passive recreational resource of the policy area;

- (e) their use as an important resource in studying the natural environment; and
- (f) their use as a water resource for stock or for irrigation.

(3) The beneficial uses of resource enhancement wetlands are the uses mentioned in subclause (2) and -

- (a) their use as part of the modified surface and groundwater drainage system of the policy area; and
- (b) their use as an important active recreational element of the natural landscape of the policy area.

(4) The beneficial uses of multiple use wetlands are the uses mentioned in subclause (3) and -

- (a) their use as a drought refuge for birds; and
- (b) their use as a source of minerals.

Environmental objectives for wetlands

12. (1) The environmental objective for conservation wetlands is to maintain and enhance their conservation values and natural attributes and functions and to maintain their beneficial uses.

(2) The environmental objective for resource enhancement wetlands is, to the extent practicable, to maintain, enhance, rehabilitate and restore their natural attributes and functions and to maintain their beneficial uses.

(3) The environmental objective for multiple use wetlands is to maintain and enhance their declared beneficial uses.

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

Status of wetlands

13. (1) Most wetlands in the policy area have been severely degraded or destroyed and many other wetlands in the policy area are under considerable threat of being severely degraded or destroyed.

(2) Industrial, residential, commercial and agricultural activities in the policy area 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 policy area requires -
 - (a) planning and managing land use to prevent harm to wetlands and to protect their beneficial uses;
 - (b) implementing land use practices, such as extensive tree planting, to increase water use in the ground and surface water catchment areas of wetlands;

- (c) co-operation between the community and relevant government agencies;
- (d) controlling or preventing activities that destroy or degrade wetlands; and
- (e) providing a habitat for flora and fauna by the creation and rehabilitation of wetlands.

Activities that may destroy or degrade wetlands

14. The activities that may destroy or degrade wetlands include -

- (a) filling wetlands with materials;
- (b) discharging water into or removing water from wetlands;
- (c) carrying out excavation or mining operations in wetlands;
- (d) damaging or clearing native vegetation in or adjacent to wetlands;
- (e) disposing of or discharging effluent into wetlands;
- (f) active recreational activities such as water skiing, horse riding and off-road driving, in wetlands;
- (g) permitting stock to enter wetlands for watering and grazing;
- (h) inappropriate burning-off in wetlands; and
- (i) harvesting aquatic flora and fauna in wetlands.

Programme for protecting wetlands

15. (1) The protection of wetlands, including achieving and maintaining the environmental objectives in clause 12, is to be effected by -

- (a) encouraging land and water management plans, on a regional, catchment area, and farm basis, to promote the conservation of wetlands;
- (b) encouraging and assisting the owners of private wetlands to maintain, enhance and rehabilitate their wetlands on a voluntary basis;
- (c) State and local authorities taking decisions and actions consistent with the environmental objectives referred to in clause 12;
- (d) promoting an understanding of this policy and encouraging its acceptance by all those affected by its implementation;
- (e) seeking the co-operation of industry organisations and government agencies in the implementation of this policy;
- (f) preventing or controlling activities that may degrade or destroy wetlands;
- (g) establishing the Register;

- (h) giving priority to the conservation of wetlands in Table 3 of the Register and implementation of Priority Catchment Plans;
- (i) as appropriate, monitoring the condition of wetlands listed in the Register;
- (j) developing economic incentives and measures that promote and support the conservation, management and creation of wetlands; and
- (k) undertaking research and education to facilitate the conservation of wetlands and the management of their catchment areas.

(2) The decisions and actions referred to in subclause 1(c) include the decisions and actions taken by the departments principally assisting the Ministers to whom the administration of the following Acts is for the time being committed by the Governor in the administration of those Acts -

- (c) the *Bush Fires Act 1954*;
- (b) the *Conservation and Land Management Act 1984*;
- (c) the *Environmental Protection Act 1986*;
- (d) the *Health Act 1911*;
- (e) the *Land Act 1933*;
- (f) the *Local Government Act 1960*;
- (g) the *Mining Act 1978*;
- (h) the *Rights in Water and Irrigation Act 1914*;
- (i) the *Soil and Land Conservation Act 1945*;
- (j) the *Town Planning and Development Act 1928*; and
- (k) the *Wildlife Conservation Act 1950*.

Best Management Practices

16. (1) In effecting the matters referred to in clause 15(1)(a) and (b), the Department of Environmental Protection, in association with the Department of Agriculture, -

- (a) is to develop and promote best management practices for agriculture; and
- (b) is to encourage the voluntary adoption of best management practices by the owners and managers of land.

(2) In developing best management practices the Department of Environmental Protection is to consult with relevant district committees, agencies and any other groups that it considers appropriate to consult.

Revised Clause 21

The Environmental Protection Authority has prepared a revised clause 21 to replace the existing clause in the draft dated May 1995. Subsequent editions of the revised draft will have this revised clause inserted.

Construction of drainage works

21 (1) A person shall not cause or permit the construction or alteration of any system for the drainage of permanent groundwater and to discharge that water onto the land, into other water or into a watercourse in the policy area unless -

- (a) the person is authorised to do so and is acting in accordance with that authorization; or
- (b) the construction or alteration of that system is consistent with conditions specified in a Priority Catchment Plan.

(2) A person shall not cause or permit the construction or alteration of any system for the drainage of surface water and to discharge that water onto the land, into other water or into a watercourse within a prescribed ecoregion and to which a Priority Catchment Plan applies, unless the construction or alteration of that system is consistent with conditions specified in that Priority Catchment Plan.

(3) A person shall not cause or permit the removal of water from a wetland recorded in Table 3 unless -

- (a) the person is authorised to do so and is acting in accordance with the authorization, or
- (b) in the case of the removal of water for the purpose of the supply of water during drought conditions, it does not involve the clearing of native vegetation.

Priority Catchment Plans

17. In giving effect to the matters referred to in clause 15(1)(a) and for the purpose of a Priority Catchment Plan, the Department of Environmental Protection is to consult with relevant district committees, agencies and landowners that it considers appropriate to consult, -

- (a) in the delineation of a surface water catchment for the wetland subject of that Plan; and
- (b) in the preparation of environmental standards and application of best management practices in the land to which that Plan applies.

Partnership Agreement

18. In giving effect to the matters referred to in clause 15(1)(d) and (e), the Department of Environmental Protection is to develop, in consultation with relevant industry organisations and government agencies, a document to be called a "Partnership Agreement for Wetland Conservation" that -

- (a) assists in the promotion, understanding and implementation of this policy and the achievement of its objectives; and
- (b) provides for the purpose of public information the principles and procedures for the implementation of this policy.

PART 4 - CONTROL OF CERTAIN ACTIVITIES IN THE POLICY AREA

Application to authorized body

19. A person may apply to be authorized by an authorized body by making an application to the authorized body in accordance with the form prescribed for the purposes of this clause and with procedures approved by the authorized body.

Filling of protected wetlands

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

Construction of drainage systems prohibited

21. (1) A person shall not cause or permit the pumping or draining of water from under the land surface and to discharge that water onto the land, into other water or into a watercourse in the policy area unless the person is authorized to do so and is acting in accordance with that authorization.

(2) A person shall not cause or permit the construction or alteration of any system for the drainage of water onto the land, into other water or into a watercourse, in land to which a Priority Catchment Plan applies, unless the construction or alteration of that system is consistent with conditions specified in that Priority Catchment Plan.

(3) A person shall not cause or permit the removal of water from a protected wetland unless -

- (a) the person is authorized to do so and is acting in accordance with that authorization; or
- (b) in the case of the removal of water from a protected wetland for the purpose of the supply of water during drought conditions, it does not involve the clearing of native vegetation.

Excavation and mining in protected wetlands

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

Clearing of native vegetation from protected wetlands

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

(2) Subclause (1) does not apply to prohibit a person from causing or permitting the clearing of native vegetation from a protected wetland if the clearing -

- (b) is carried out for the purpose of harvesting, if the native vegetation was planted for that purpose;
- (a) is carried out to the extent authorized by a licence issued under the *Wildlife Conservation Act 1950*;
- (b) is carried out to the extent necessary to avoid an imminent risk of injury to any person or damage to property;
- (c) is caused by the grazing of stock that the person owns or is in the control or charge of, if the person has taken all practicable measures, such as providing appropriate fencing, to prevent the stock from grazing the protected wetland;
- (d) is carried out in connection with eradicating, or reducing in number, declared plants under the *Agriculture and Related Resources Protection Act 1976*; or
- (e) is carried out in accordance with the *Bush Fires Act 1954*.

Discharge or disposal of effluent into protected wetlands prohibited

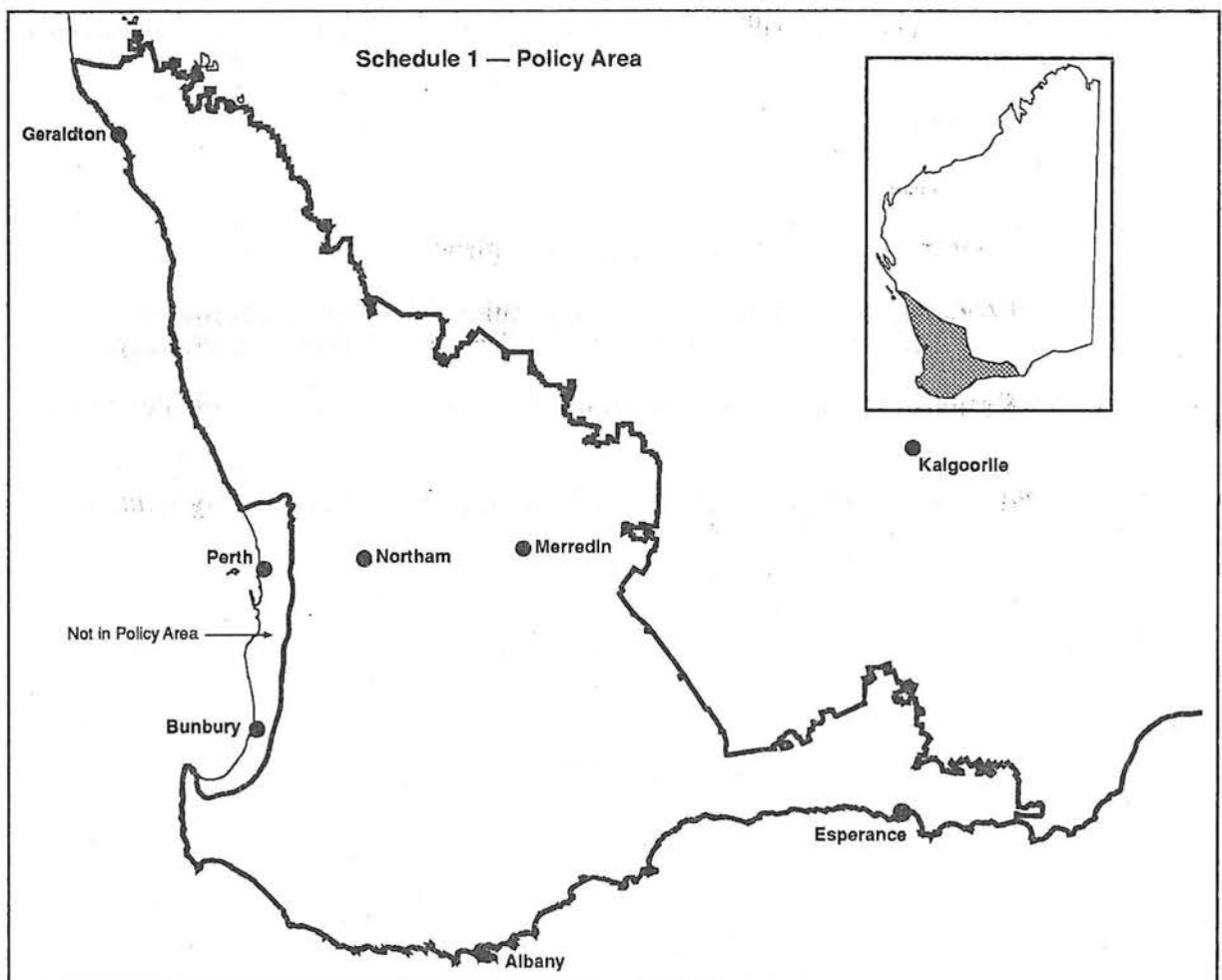
24. A person shall not cause or permit the discharge or disposal of effluent into a protected wetland unless the person is authorized to do so and is acting in accordance with that authorization.

Offences and penalties

25. A person who contravenes clause 20, 21, 22, 23(1) or 24 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

ENVIRONMENTAL PROTECTION ACT 1986

ENVIRONMENTAL PROTECTION (SOUTH WEST AGRICULTURAL ZONE) (PROTECTED WETLANDS REGISTER) REGULATIONS 1995

Citation

1. These regulations may be cited as the *Environmental Protection (South West Agricultural Zone) (Protected Wetlands Register) Regulations 1995*.

Purpose of regulations

2. The purpose of these regulations is to record wetlands for protection in accordance with Part 2 of the policy.

Commencement

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

Interpretation

4. In these regulations -

“**Conservation Wetland**” means any wetland recorded in Table 1;

“**Protected Wetlands**” are the Conservation Wetlands and Resource Enhancement Wetlands, listed in Table 3 and Table 4 respectively;

“**Resource Enhancement Wetland**” means any wetland recorded in Table 2;
and

“**the policy**” means the *Environmental Protection (South West Agricultural Zone Wetlands) Policy 1995*.

Table 1: Conservation Wetlands (examples only)

Local Authority	Wetland Name	Ag. District	Location or Reserve ^	AMG Centroid (mE, mN)
Boyup Brook	Kulikup Nature Reserve	Nelson	18239	-
Boyup Brook	-	Nelson	2993	477050, 6256300
Coorow	-	Victoria	7020	-
Cranbrook	Stockyard Swamp	Hay	1043, 1060, 1090	528250, 6197400
Dandaragan	-	Melbourne	3749	329000, 6642350
Donnybrook-Balingup	Lake Argyle	Wellington	1010	386450, 6287200
Dowerin	Fraser's Lake	Avon	86, 87	506850, 6542450
Esperance	Tyrells Lake	Neridup	132	422200, 6275600
Gingin	Doopiter Swamp	Swan	7809	360250, 6566600
Gnowangerup	-	Kent	743, 349	644650, 6250800
Irwin	-	Victoria	1708	-
Jerramungup	Eagle Lake	Kent	1661	719450, 6273800
Jerramungup	Hilliup Lake	Kent	1529	671750, 6198150
Kent	-	Kent	9779, 9769	-
Kojonup	-	Kojonup	2370	527350, 6266300
Kojonup	-	Kojonup	2370, 2286	527050, 6266450
Kojonup	-	Kojonup	2286	526800, 6266900
Koorda	-	Ninghan	2522	532125, 6619650
Kulin	-	Williams	12826	-
Lake Grace	-	Roe	2306	722900, 6301000
Manjimup	Wilgarup Lake	Nelson	2316	-
Plantagenet	Kokokup Lake	Plantagenet	198, 904, 5719	561850, 6159750
Ravensthorpe	Goldy's Yate Swamp	Oldfield	820	256100, 6254650
Tambellup	-	Plantagenet	4386	573300, 6210300
Victoria Plains	-	Avon	M1188, M1204	459450, 6538500
West Arthur	-	Wellington	5141	465250, 6284900
West Arthur	Wild Horse Swamp	Wellington	1740	-
West Arthur	-	Wellington	2344, 3429	480400, 6283150
West Arthur	Deadmans Lake Nature Reserve	Kojonup	5456	-
Williams	-	Wellington	2074, 2296	470990, 6320900
Woodanilling	-	Kojonup	4296	529400, 6297950
Wyalkatchem	Derdibin Nature Reserve	Avon	34527	-
Wyalkatchem	-	Avon	16999	-
Yilgarn	-	Yilgarn	276	710500, 6456000

Table 2: Resource Enhancement Wetlands (examples only)

Local Authority	Wetland Name	Ag. District	Location or Reserve	AMG Centroid (mE, mN)
Beverley	Yenyenning Lakes	Avon	31837	-
Bruce Rock	Shackleton Nature Reserve	Avon	24505	-
Cranbrook	Nunijup Lake	Hay	1759	-
Dumbleyung	Lake Dumbleyung	Williams	26664	-
Goomalling	Lake Walyormouring	Avon	17186	-
Jerramungup	-	Kent	1511	687000, 6201500
Jerramungup	-	Kent	1517	699700, 6197000
Jerramungup	-	Kent	1512	691400, 6202000
Katanning	Coyrecup Lake	Kojonup	28552	-
Kellerberrin	Baandee Lakes	Avon	27145	-
Kulin	Kondinin Salt Marsh Nature Reserve	Avon	26692	-
Lake Grace	Lake Gulson	Roe	21247	-
Nungarin	Lake Brown	Avon	24789	-
Wagin	Lake Quarbing	Williams	12236	-
Wagin	Gundaring Lake	Williams	24373	-
Wickepin	Lake Yealering	Avon	9610	-

Table 3: Protected Conservation wetlands (examples only)

Local Authority	Wetland Name	Land Administration Public Plan	Ag. District	Location or Reserve	AMG Centroid (mE, mN)	Radius
Boyup Brook	Kulikup Nature Reserve	Dinninup (50)	Nelson	18239	-	-
Boyup Brook	-	Qualeup (50)	Nelson	2993	477050, 6256300	250
Coorow	-	Coorow (50)	Victoria	7020	-	-
Dandaragan	-	Boullanger (50)	Melbourne	3749	329000, 6642350	150
Donnybrook-Balingup	Lake Argyle	Donnybrook (50)	Wellington	1010	386450, 6287200	250
Dowerin	Fraser's Lake	Quelagetting (50)	Avon	86, 87	506850, 6542450	475
Esperance	Tyrells Lake	Bandy Creek (50)	Neridup	132	422200, 6275600	850
Gingin	Doopiter Swamp	Bidamina (50)	Swan	7809	360250, 6566600	600
Gnowangerup	-	Woondingellup (50)	Kent	743, 349	644650, 6250800	350
Irwin	-	Mount Lefroy (50)	Victoria	1708	-	-
Jerramungup	Eagle Lake	Bagot (50)	Kent	1661	719450, 6273800	275
Kent	-	Lake Dorothy (50)	Kent	9779, 9769	-	-
Kojonup	-	Woodanilling (50)	Kojonup	2370	527350, 6266300	100
Kojonup	-	Woodanilling (50)	Kojonup	2370, 2286	527050, 6266450	175
Kojonup	-	Woodanilling (50)	Kojonup	2286	526800, 6266900	50
Koorda	-	Newcarlbeon NW (25)	Ninghan	2522	532125, 6619650	250
Kulin	-	Jilakin (50)	Williams	12826	-	-
Lake Grace	-	Lake Cobham (50)	Roe	2306	722900, 6301000	700
Manjimup	Wilgarup Lake	Wilgarup (50)	Nelson	2316	-	-
Plantagenet	Kokokup Lake	Mount Marker (50)	Plantagenet	198, 904, 5719	561850, 6159750	150
Tambellup	-	Toolbrunup (50)	Plantagenet	4386	573300, 6210300	150
Victoria Plains	-	Jennacubbine (50)	Avon	M1188, M1204	459450, 6538500	450
West Arthur	-	Moodiarrup (50)	Wellington	2344, 3429	480400, 6283150	500
West Arthur	Deadmans Lake Nature Reserve	Moodiarrup (50)	Kojonup	5456	-	-
Williams	-	Williams (50)	Wellington	2074, 2296	470990, 6320900	500
Woodanilling	-	Wagin (50)	Kojonup	4296	529400, 6297950	300
Wyalkatchem	Derdibin Nature Reserve	Bulagin (50)	Avon	34527	-	-
Wyalkatchem	-	Bulagin (50)	Avon	16999	-	-
Yilgarn	-	Gibb Rock (50)	Yilgarn	276	710500, 6456000	500

Table 4: Protected Resource Enhancement Wetlands (examples only)

Local Authority	Wetland Name	Land Administration Public Plan	Ag. District	Location or Reserve
Beverley	Yenyenning Lakes	Quajabin (50)	Avon	31837
Bruce Rock	Shackleton Nature Reserve	Kwolyin (50)	Avon	24505
Cranbrook	Nunijup Lake	Geekabee (50)	Hay	1759
Dumbleyung	Lake Dumbleyung	Dumbleyung (50)	Williams	26664
Goomalling	Lake Walyormouring	Botherling (50)	Avon	17186
Katanning	Coyrecup Lake	Coyrecup (50)	Kojonup	28552
Kellerberrin	Baandee Lakes	Doodlakine (50)	Avon	27145
Kulin	Kondinin Salt Marsh Nature Reserve	Jilakin (50)	Avon	26692
Lake Grace	Lake Gulson	Gulson (50)	Roe	21247
Nungarin	Lake Brown	Lake Campion (50)	Avon	24789
Wagin	Lake Quarbing	Wagin (50)	Williams	12236
Wagin	Gundaring Lake	Wagin (50)	Williams	24373
Wickepin	Lake Yealering	Malyalling (50)	Avon	9610

"Centroid" means the middle point of a wetland referenced to the Australian Map Grid;

"Radius" referenced to the Centroid defines the extent of a circle, in metres, that is the wetland for the purpose of these regulations; *italicised text means that all of that land is protected.*