

APPLICATION FOR A GROUNDWATER LICENCE (UNDER PART 5 OF THE WATER ACT 1912)

Please read the reverse for *Notes* on how to complete this form, including Section 3

SECTION 1

Applicant's Name (s) <i>(Note 1)</i>	Surname	First Name (s) <i>(IN FULL)</i>			
Postal Address	() Postcode Telephone				
Property Address	() Postcode Telephone				
Location of work (bore, well etc) to be Licensed <i>(Note 2)</i>	Portion or Lot/DP No.	Parish		County	
Nature of work to be Licensed <i>(Note 3)</i>	<input type="checkbox"/> Proposed	<input type="checkbox"/> Alteration	Proposed depth in metres	<input type="checkbox"/> Existing	
	Is work to replace an abandoned work? <input type="checkbox"/> Yes <input type="checkbox"/> No	Is work to be altered already Licensed <input type="checkbox"/> Yes <input type="checkbox"/> No		Is Application replacing an existing Licence? <input type="checkbox"/> Yes <input type="checkbox"/> No Licence No. _____	
Type of work	<input type="checkbox"/> Bore	<input type="checkbox"/> Well	<input type="checkbox"/> Excavation	<input type="checkbox"/> Spearpoint(s)	<input type="checkbox"/> Artesian Bore
Purpose for which water is to be used <i>(Note 4)</i>	<input type="checkbox"/> Stock	<input type="checkbox"/> Test bores	<input type="checkbox"/> Irrigation	<input type="checkbox"/> Sand/Gravel Washing	Estimated Annual Usage in Megalitres
	<input type="checkbox"/> Domestic	<input type="checkbox"/> Waste Disposal	<input type="checkbox"/> Town Water	<input type="checkbox"/> Industrial/ Commercial	
	<input type="checkbox"/> Farming (eg. dairy washing/crop spraying/ fruit & vegetable washing) _____	<input type="checkbox"/> Drainage	<input type="checkbox"/> Recreation	<input type="checkbox"/> Mining	<input type="checkbox"/> Aquaculture
				<input type="checkbox"/> Water Bottling	
Complete if other Landholders are to be supplied with water	Name	Lot & DP No.	Parish	County	Purpose of supply
If Application is for Town Water Supply, please provide details of all Town Water bores & wells	No. of existing works	Volume of water taken annually in megalitres		NAME OF DRILLER TO BE USED	

SECTION 2

COMPLETE THIS SECTION IF THE APPLICATION INCLUDES IRRIGATION

Description of Area to be irrigated (from your Rate notice or local Council) <i>(Note 5)</i>	Portion(s) or Lot/DP No.	Parish	County	Total Property area (hectares)	Is the property leased
					<input type="checkbox"/> Yes <input type="checkbox"/> No
Crops to be irrigated <i>(Note 6)</i>	Area to be irrigated (in hectares)				
Any other irrigation from Bores and Wells <i>(Note 7)</i>	Number of Bores and Wells	Existing Bore Licences		Type of Crops	Area in hectares
Any other irrigation <i>(Note 8)</i>	From Rivers, Lakes etc. <input type="checkbox"/> Yes <input type="checkbox"/> No	Licence Number(s)	Area authorised	From Department Channels <input type="checkbox"/> Yes <input type="checkbox"/> No	Area authorised

SECTION 3

I/We apply for a Licence to construct and use the works described above, and to use the water obtained, only for the purpose that I/we have specified on the application, and forward the following:

(Note 9a) 1. **A PLAN** showing the portion, parish and county of the -

- Boundaries of the land occupied by Me/Us
- Bore site to be licensed
- Boundaries of any land to be irrigated
- Boundaries of any other property other than My/Our own to be supplied with water under this application

(Note 9b) 2. **THE SUM OF \$48 for an artesian aquifer or \$151-00 for a non-artesian aquifer.** (Application fee not required for Stock, Domestic, Farming or Test bore applications in a non-artesian aquifer) For more information on fees, refer to www.dwe.nsw.gov.au or your local DWE office.

(Note 10) **Applicant's Signature(s)** _____ **Date** ____/____/____

DEPARTMENTAL USE ONLY

Licence No.

Application recommended _____

FEE PLAN FORM 'A'

Application approved _____

Notes on how to complete the form

NB The Application form plus accompanying information is to be completed for both a new licence and a replacement licence which is required as part of a permanent transfer.

Section 1

The term "work" refers to any one of the following:- bore, well, excavation, spearpoint, artesian bore.

1. APPLICANT'S NAME(S)

The application must **include full names** of all owners of the property, except where the application is made by a company. If there is insufficient room please attach a separate sheet.

2. LOCATION OF WORK TO BE LICENSED

Only **one Portion or Lot/DP No.** should be given as the site of the works. This is the site that the works are proposed to be located on. The correct description can be obtained from your rates notice.

3. NATURE OF WORKS TO BE LICENSED

* *Proposed*- means a new bore/well etc yet to be constructed

* *Alteration* - means physical change to an already constructed bore/well etc.

* *Existing* - means an application for (a) an existing unlicensed bore/well etc, or
(b) a new purpose to be included on a Licence for an existing bore/well etc.

4. PURPOSE FOR WHICH WATER IS TO BE USED

* *Domestic* - includes use for gardens, swimming pool, and septic

* *Recreation* - includes bowling greens, Council swimming pools, parks, golf greens, tennis courts, sporting fields (not golf fairways).

* *Farming* - includes mixing of sprays, washing of dairy sheds and pig sties etc. Does not include irrigation or drinking water for stock.

Section 2

5. DESCRIPTION OF AREA TO BE IRRIGATED

This can be obtained from your Council Rates notice. If the property is leased please attach supporting documentation.

6. DETAILS OF CROPS TO BE IRRIGATED

Please supply details of existing or proposed irrigation under this application. If type of crop is unknown an estimate of the area to be irrigated will be sufficient.

7. ANY OTHER IRRIGATION FROM BORES/WELLS

Please include:

- Number of irrigation bores/wells **and** Licence number(s)
- Crops being irrigated
- Total area being irrigated from bores/wells on the property

8. ANY OTHER IRRIGATION

Please include details of any irrigation OTHER than from bores/wells and include Licence number(s) and Licence holder(s).

Section 3

9a. PLAN

A Map is required to be included with all applications. If the application is for an irrigation bore, the map must show property boundaries, bore sites, and area to be irrigated.

9b. FEE

No fee applicable to applications for stock, domestic, farming or test bore licences in non-artesian aquifer, the \$48 fee however is required in artesian aquifers.

10. SIGNATURES

All persons applying for this licence **MUST** sign the application, except where the application is made by a company.

ENVIRONMENTAL IMPACT INFORMATION

Please circle the most appropriate answer for **each** question listed below.

- | | | | |
|----|---|-----|----|
| 1. | Has an environmental impact assessment been undertaken for the proposed work(s)?
If yes, please attach copy of assessment. | YES | NO |
| 2. | Has any other approval for the work(s) or associated activities been obtained or applied for? | YES | NO |
| 3. | Are the work(s) to be used for purposes other than those associated with agricultural irrigation? | YES | NO |
| 4. | Will there be any return flows to the watercourse? | YES | NO |
| 5. | Will any trees be removed to install the licensed work(s) or to develop the lands to be irrigated? | YES | NO |
| 6. | Are there any known Aboriginal areas of interest or relic sites in the immediate vicinity of the proposed work(s) or the lands to be developed? | YES | NO |

The Department will be determining this application under the provisions of the Environmental Planning and Assessment Act 1979 Part V and its associated regulations.

INFORMATION TO ACCOMPANY A LICENCE APPLICATION
(except for applications for groundwater licences for domestic and stock purposes)

Before issuing a new or a replacement licence (including that resulting from a permanent transfer), the Department of Water and Energy has a statutory obligation to assess the environmental impact which is likely to result. The assessment is based not just on the water extraction or supply work/s, but on the whole development or activity for which the water will be used and the potential impact on the environment. It is the applicant’s responsibility to provide the following information to enable the Department to make an accurate assessment, otherwise the application may be refused.

Contact the Licensing Officer at your local DWE office if you require assistance.

A. NEW LICENCES ONLY: PROPERTY on which it is proposed to carry out development.
Property Name:
Local Council(s):

B. PERMANENT TRANSFERS ONLY: 1. PROPERTY from which the water is to be transferred
Property Name:
Local Council(s):
Water Act Licence No:
2. PROPERTY to which the water is to be transferred
Property Name:
Local Council(s):

C. PROPOSED DEVELOPMENT (to be completed for all applications)

1. IS ANY OF THE LAND SUBJECT TO THE DEVELOPMENT OR AFFECTED BY THE DEVELOPMENT WITHIN A STATE FOREST OR FLORA RESERVE?

a) NO YES/Forest Name:

2. IS ANY OF THE LAND SUBJECT TO THE DEVELOPMENT OR AFFECTED BY THE DEVELOPMENT ON CROWN LAND?

NO YES

a) If held under lease or licence, provide lease and lessee/licence and licensee details

.....

.....

b) If a timber reserve, provide details.....

.....

3. IS ANY OF THE LAND SUBJECT TO THE DEVELOPMENT OR AFFECTED BY THE DEVELOPMENT SUBJECT TO “PROFIT ã PRENDRE” UNDER SECTION 25F(1) OF THE FORESTRY ACT?

a) NO / YES Property owner (if not applicant)

a) Profit a Pendre details

4. WHAT WORKS ARE PROPOSED UNDER THIS APPLICATION?

- a) Type of work(s), all works proposed should be identified (eg. Pump, dam, weir, levee, bore, well, spearpoint, channel, other):

Please describe:

- a) Location (attach map, preferably a copy of a topographic map or orthophoto map)
- b) Associated works and activities for the development that do not form part of this application (attach detailed drawings if available)

If a dam or weir, describe

- c) Dimensions (attach plan showing dam and storage)
- d) Design details (attach plans showing height or crest and method of construction)
- e) Source of materials
- f) Disposal of unwanted material
- g) Proposal to allow fish passage

If a levee, describe

- h) Size (eg. Max height above natural surface, crest width)
- i) Source of material

If a bore or other groundwater extractive work, describe

- j) Bore design (depth, diameter, casing, exposed intervals, if available)

If a storage, describe (eg. off-creek, turkeys nest)

- k) Location (show on map attached to license application)
- l) Dimensions
- m) Depth of storage
- n) Depth below natural surface level
- o) Design details (eg. crest height, side batters, method of construction, soil test bore information)
- p) Source of materials
- q) What has been done to reduce/minimise seepage from the storage?

5. IS PLANNING PERMISSION NEEDED FOR THE PROPOSED DEVELOPMENT?

(If you are unsure whether you need planning permission, please contact your local council)

- a) Does the proposed development require Development Consent from the Council? NO/YES
- b) Has development consent been granted? NO/YES
- c) What is the land use zoning of the site of the proposed development, eg. rural/residential?

- d) Has any environmental impact assessment (eg. an Environmental Impact Statement, Review of Environmental Factors, Species Impact Statement) been prepared for the proposed development? (If so, please provide a copy)
- e) Have you applied for any other permits which are related to the proposed development? (If so, please supply copies)

6. WHEN WILL THE PROPOSED DEVELOPMENT BE CARRIED OUT?

Please note no development is to occur until approval has been granted.

- a) Expected commencement:
- b) Expected completion:

D. EXISTING ENVIRONMENT (to be completed for all applications)

7. IS THERE ANY NATIVE VEGETATION GROWING ON THE SITE AND THE AREA IMMEDIATELY SURROUNDING THE SITE THAT WOULD BE AFFECTED BY THE PROPOSED DEVELOPMENT?

Please describe:

Trees

- a) Species (eg. river red gum, yellow box, etc)
- b) Number on whole site:
- c) Number per hectare:

Shrubs

- d) Species (eg. silver wattle, hopbush)
- e) Cover continuous scattered sparse

Groundcover

- f) Is it exotic native
- g) If native, specify species
- h) Cover continuous scattered sparse
- i) Is the vegetation to be cleared, damaged or removed by this proposal?
- j) Would you say that, in the area affected by the proposed development, there is:
 - i) remnant vegetation YES/NO
 - ii) scattered native trees and YES/NO
 - iii) a groundcover where more than 50% of the species are native YES/NO

8. WHAT OTHER WATER MANAGEMENT WORKS ARE ON THE PROPERTY?

- a) Describe (eg. weirs, dams, pumps, levees, bores, channels)

9. WHAT IS THE SOIL LIKE AT THE SITE OF THE PROPOSED DEVELOPMENT?

Describe your soil type – (tick one or more from each column)

Soil Texture	Soil Colour	Soil Category/Group (if known)
<input type="checkbox"/> Sandy	<input type="checkbox"/> Red/red brown	<input type="checkbox"/> Alluvial soils (extremely variable, layered profile with sandy, clay etc.)
<input type="checkbox"/> Loam	<input type="checkbox"/> Yellowish brown	<input type="checkbox"/> Cracking clays (deep uniform clays with seasonal cracking when dry)
<input type="checkbox"/> Clay Loam	<input type="checkbox"/> Grey	<input type="checkbox"/> Sandy soils (deep, uniform, coarse or fine textured sandy soil)
<input type="checkbox"/> Clay		<input type="checkbox"/> Earthy soils (gradual texture change – increase in clay content)
		<input type="checkbox"/> Duplex soils (texture contrast between surface soil and sub soil-loam over clay)

10. WHAT ARE THE GROUNDWATER CONDITIONS BELOW THE PROPOSED DEVELOPMENT, IF KNOWN?

- a) Water table depth:
- b) Groundwater salinity:
- c) Groundwater contaminants/ pollutants:
- d) Rate of rise/ fall (if known):
- e) Distance to nearest bore piezometer

11. HOW IS THE SITE AND THE AREA IMMEDIATELY SURROUNDING THE SITE OF THE PROPOSED DEVELOPMENT CURRENTLY USED?

- a) Describe (e.g. crop cultivation, grazing etc):
- b) Any land degradation issues (e.g. acid soils, salinity etc)

12. WHAT CULTURAL FEATURES ARE THERE ON THE SITE OR IMMEDIATELY SURROUNDING THE SITE OF THE PROPOSED DEVELOPMENT?

(The National Parks and Wildlife Service may be able to assist with information on cultural features)

- a)
 - i) Archaeological features (e.g. middens):
 - ii) Heritage features (e.g. historic homes):
 - iii) Areas of significance to Indigenous people:
- b) How might they be affected?

13. ARE THERE ANY KNOWN RECORDS OF THREATENED SPECIES (AS DEFINED UNDER THE THREATENED SPECIES CONSERVATION ACT, 1995 AND/OR THE AUSTRALIAN SOCIETY OF FISH BIOLOGISTS) ON THE SITE OR IN THE SURROUNDING AREAS?

(To ascertain if the proposal is likely to significantly affect threatened species, then an assessment following the 8 point test of significance set out in Section 5A of the Environmental Planning and Assessment Act, 1979, must be made)

- a) NO/YES (give details):
- b) How might they be affected?

14. ARE THERE ANY WETLANDS/ SWAMPS/ MARSHES/ DEPRESSIONS ON THE SITE OR THAT WILL BE AFFECTED BY THE PROPOSED WORKS?

a) NO/YES (give details):

E. PROXIMITY TO RIVER OR WATERCOURSE (if applicable)

15. WHAT IS THE STREAM LIKE AT SITE OF THE PROPOSED DEVELOPMENT?

(Answer this section only if the proposed development is near a stream)

- a) Bank material (e.g. clay):
- b) Bed material (boulders, clay, gravel etc):
- c) Bank slope (e.g. steep, gradual, flat):
- d) Are there any snags in the channel?
- e) Describe the bank vegetation (e.g. grassed, bare, timbered):
- f) Width and depth of the watercourse:
- f) Sketch (on topographic map or orthophoto map) site of work in relation to stream:
- g) How might it be affected by the proposed development?

16. WHAT ARE THE FLOWS OR WATER LEVELS LIKE IN THE STREAM OR WATER BODY ASSOCIATED WITH THE PROPOSED DEVELOPMENT?

(Answer this section only if your proposed development will affect flows in a river, creek, stream, lake, lagoon or swamp)

- a) i) How often does the stream or water body cease to flow or dry up?
- ii) How often does over bank flow occur?
- iii) At what gauge level does significant flooding occur (nearest gauge):
- b) How will flow be affected by the development?.....

17. WHAT STRATEGIES FOR DRAINAGE AND IRRIGATION MANAGEMENT ARE TO BE ADOPTED FOR ANY NEW IRRIGATION?

Please describe:.....

Crop Details:

- a) Total area of property to be irrigated:
- b) Area of each crop type:
- c) Benchmark production figures for the crops for the region of development:

Soil Details:

- a) Texture:
- b) Water holding capacity (eg well drained, poorly drained, etc):
- c) Depth of top soil:
- d) Depth to hard pan:
- f) Signs of salinity (e.g. dieback):

Irrigation - Method of application details

- a) Type of irrigation system:
- a) How will the irrigation and drainage system account for varying soil water holding capacity?
.....
- b) How will the irrigation be managed (eg water scheduling)?
.....
.....

Surface and sub-surface drainage details:

- a) Identify drainage disposal basin site (if applicable):
- b) Method of disposal of drainage:
- c) Volume capacity of basin (if applicable):

Maps and diagrams must accompany this form showing the following details:

- a) Proximity to water course including floodplain
- b) Drainage lines, surface and sub-surface, both natural and constructed
- c) Contours of property to be developed
- d) Diagram showing location of ALL works including supply channels and disposal sites
- e) Property boundaries and areas to be irrigated (where applicable)
- f) Please attach any other information that may be useful in assessing your application

G. DECLARATION	
I hereby declare that the information supplied on this form is accurate to the best of my knowledge.	
Applicant(s) Signature(s)
Date