

# Application for an Authority for a Joint Water Supply Scheme

Section 20 of the Water Act 1912

#### **Application Details**

The application must show the **names of all owners or legal occupiers of the land/property** upon which works are proposed in regards to this application. These details must be as per the Certificate of Land Title. Complete the form in **BLOCK LETTERS** and **attach additional pages if required**.

Surname / Company Name	Given Name(s)		Telephone
Postal Address	Postcode	Newspapers circulating in distri	ct

Name of river, creek, watercourse, billabong, lake, lagoon etc.

Means by which water is to be taken (gravitation, pumping etc.)

Details of land of ea	ich oco	cupier to be su	pplied with water		
Occupier					
Address					
Lot & DP					
Parish					
County					
Tenure					
Details of works by	which	water is to be	taken		
			-		
Particulars of works – state whether pump, dam, race, levee, cutting etc.	Lot	DP	Parish	County	Maximum rate at which water may be taken (litres/second)
Type and size of pump or size	of diversio	n pipe or channel etc.			

Particulars (sizes, capacities and grades) of any channel, flume, pipe, conduit or other work in which water is to be conveyed to the land of each occupier. (Longitudinal and cross-section plans of any channel are to be attached.)

#### Application for an Authority for a Joint Water Supply Scheme (Section 20 of the Water Act 1912) cont.

Purpose for which water	r is to be used				
Irrigation 🖵 Wat	ter supply for: Mining Stock	Domestic	Other	(specify)	
Details of crops, if any, t	to be irrigated by	each occupie	r		
			H	ECTARES	HECTARES
			H	ECTARES	HECTARES
			H	ECTARES	HECTARES
Occupier	Type of crop		Area		Total area to be irrigated by each occupier
	HECTAR	ES			MEGALITRES
Total area to be irrigated by all application	ants	Estimated qu	antity of water pro	oposed to be	taken annually
	MEGALITRES				
	MEGALITRES				
	MEGALITRES				
Occupier	Estimated quantity of water proposed to be delivered annually	Particulars of rates which water is prop delivered to each of	osed to be	affecting th	of any other matters ne apportionment of water ne occupiers
Particulars of any monies paid or propos	ed to be paid to any person ir	n respect of the supply	of water in connec	tion with the j	oint water supply scheme.
Particulars of any monies paid or prop connection with the joint water supply		on in respect of the oc	ccupancy or transi	ter of any lar	id because of or in
Particulars of the arrang	jements betw <u>een</u>	the applic <u>ants</u>	s		

In respect of the provision and construction of the works

In respect of the operation of the works

In respect of the maintenance and renewal of the works

In respect of the provision of monies for each of the foregoing

In respect of the payments to be made by any of the occupiers in respect of the foregoing

We, _			,
of			

being the occupiers of the lands described herein, do hereby apply for an authority under Part II of the Water Act 1912 to construct and use the joint water supply scheme described herein and to take and use the water conserved or obtained thereby for the purposes specified in this application.

We attach a plan showing:

- (a) the land occupied by each occupier;
- (b) the location of the means by which water is to be taken from the river, creek, watercourse, billabong, lake, lagoon etc.;
- (c) the location of any channel, flume, pipe, conduit or other work in which water is to be conveyed;
- (d) the location of any bridge, culvert, siphon, check, regulator or other structure or work to be provided; and
- (e) if the work is for the purpose of irrigation, the location of the areas to be irrigated within the land of each occupier;

We also attach

- longitudinal and cross-sectional plans of all channels proposed to be constructed for the conveyance of water to the land of each occupier.
- a certified copy of any agreement entered into between the occupiers or between the occupiers and any other person in respect of the joint water supply scheme.

We forward herewith the sum of \$30.00 being the prescribed deposit, as security for the cost of investigation and inquiry in connection with the application.

Dated this day of 20	
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Signature(s) of Applicant(s)

Signature(s) of Applicant(s)

Complete and sign your application and return to NSW Office of Water with the appropriate payment. You will be notified when your application has been processed.

For licensing information and enquiry contact details, visit our website www.water.nsw.gov.au, email information@water.nsw.gov.au, or freecall 1800 353 104.

OFFICE	Fee paid: \$	Customer receipt number:	Office Stamp
USE	Officer signature:	Date:	
UNET	Application number:	Acceptance date:	



# Appendix 1: Environmental Impact Information

Information to accompany Licence Applications (Water Act 1912)

Before issuing a licence, the NSW Office of Water (NOW) has a statutory obligation to assess the environmental impact which is likely to result. The assessment is based not just on the work, but on the whole development or activity for which the water will be used and the potential impact on the environment. It is the responsibility of the applicant(s) to provide the Office with sufficient initial information to make an accurate assessment; otherwise the application may be refused.

Please indicate (tick) 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 domestic consumption or stock watering where stock are not intensively housed?	Yes 🗖	No 🗖
4.	Are the work(s) to be used for purposes other than those associated with agricultural irrigation?	Yes 🗖	No 🗖
5.	Will there be any return flows to the watercourse?	Yes 🗖	No 🗖
6.	Will any vegetation be removed to install the licensed work(s) or to develop the lands to be irrigated?	Yes 🗖	No 🗖
7.	Are there any known Aboriginal areas of interest or relic sites or heritage areas in the immediate vicinity of the proposed work(s) or the lands to be developed?	Yes 🗖	No 🗖

Please provide/attach any additional information, comments or supporting information considered relevant to assessing environmental impact of proposed work(s). Please attach a map (preferably a photocopy of the relevant topographic map) with the application, showing the exact location of the proposed/existing work(s) to be licensed, area of irrigation, boundary of property to be supplied and location of conveying works.

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



### Appendix 2: Environmental Impact Assessment

Information to accompany Licence Applications (Water Act 1912)

Before issuing a licence, the NSW Office of Water (NOW) has a statutory obligation to assess the environmental impact which is likely to result. The assessment is based not just on the work, but on the whole development or activity for which the water will be used and the potential impact on the environment. It is the responsibility of the applicant(s) to provide the Office with sufficient initial information to make an accurate assessment; otherwise the application may be refused.

A. PROPERTY ON WHICH IT IS PROPOSED TO CARRY OUT DEVELOPMENT
Property Name
Local Council(s)
B. PROPERTY ON WHICH THE WATER IS BEING TRANSFERRED (IF APPLICABLE)
Property Name
Local Council(s)
Licence No.
C. TENURE (TO BE COMPLETED FOR ALL APPLICATIONS)
Leasehold $\Box$ Freehold $\Box$ Other $\Box$ $\rightarrow$
<ol> <li>Is any of the land that is subject to or affected by the development within a State forest or flora reserve?</li> </ol>
No $\square$ Yes $\square \rightarrow$ Forest Name
2. Is any of the land that is subject to or affected by the development on Crown land?
No 🖵 Yes 🗖
If held under lease
or licence, provide details of lease and
lessee, or licence and licensee
If a timber reserve,
provide details
3. Is any of the land that is subject to or affected by the development subject to "profit \u00e5 prendre" under section 25F(1) of the Forestry Act?
No $\square$ Yes $\square \rightarrow$ Property Owner (if not the applicant)
Profit ă Prendre details

#### 4. What works are proposed under this application?

#### Please describe:

Type of work(s) – all works proposed should be identified (e.g. pump, dam, weir, levee, bore, well, spearpoint, channel, other)

Location (attach map, preferably a copy of a topographic map or orthophoto map)

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:

Dimensions (attach plan showing dam and storage)

Design details (attach plans showing height or crest and method of construction)

Source of materials

Disposal of unwanted material

Proposal to allow fish passage

#### If a storage, describe (e.g. off-creek, turkeys next):

Location (show on map attached to licence application)	
Dimensions	
Depth of storage	
Depth below natural surface level	
Design details (e.g. crest height, side batters, method of construction, soil test bore information	
Source of materials	
What has been done to reduce/minimise seepage from the storage?	

#### If a levee, describe:

Size (e.g. max. height above natural surface, crest width)

Source of material

#### If a bore or other groundwater extractive work, describe:

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

5. Is planning permission needed for the proposed development?		
If you are unsure whether you need planning permission, please contact your local Council.		
Does the proposed development require Development Consent from the Council? Has the development consent been granted?	No 🗖 No 🗖	Yes 🗖 Yes 🗖
In what local government area is the proposed development?		
What is the land use zoning of the site of the proposed development, e.g. rural/residential		
Has any environmental impact assessment (e.g. an REF/EIS) been prepared for the proposed development? (if so, please provide a copy)	No 🗖	Yes 🗖
Have you applied for any other permits which are related to the proposed development? (if so, please provide copies)	No 🗖	Yes 🗖
6. When will the proposed development be carried out?		
Please note: no development is to occur until approval has been granted.		
Expected Commencement		
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										
-	Species (e.g. river red gum, yellow box etc.)									
	Number on wh	hole site								
•	Number per h	ectare								
Shrubs										
	Species (e.g.	silver wattle, hop	bush et	c.)						
	Cover:	Continuous		Scattered		Sparse				
Ground	cover									
	ls it:	Exotic		Native						
	Cover:	Continuous		Scattered		Sparse				
-	If native, spec	ify species								

Is the vegetation to be cleared, damaged or removed by this proposal?		
<ul> <li>Is there, in the area affected by the proposed development:</li> <li>remnant vegetation?</li> <li>scattered native trees and shrubs?</li> <li>a groundcover where more than 50% of the species are native?</li> </ul>	No 🔲 No 🔲 No 💭	Yes 🔲 Yes 🔲 Yes

#### 8. What other water management works are on the property?

Describe (e.g. 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)
Sandy	Red / Red Brown	Alluvial soils (extremely variable, layered profile with sandy, clay etc.)
Loam 🗖	Yellowish Brown .	Cracking clays (deep uniform clays with seasonal cracking when dry)
Clay Loam. 🗖	Grey	Sandy soils (deep, uniform, coarse or fine textured sandy soil)
Clay 🗖		Earthy soils (gradual texture change – increase in clay content)
		Duplex soils (texture contrast between surface soil and sub soil-loam over clay) $lacksquare$

#### 10. What are the groundwater conditions below the proposed development, if known?

Water table depth	
Groundwater salinity	
Groundwater contaminants/pollutants	
Rate of rise/fall (if known)	
Distance to nearest bore piezometer	

# 11. How is the site, and the area immediately surrounding the site, of the proposed development currently used?

Describe (e.g. crop cultivation, grazing etc.)
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?

Archaeological features (e.g. middens)	
Heritage features (e.g. historic homes)	
Areas of significance to Indigenous people	
How might these be affected?	

## 13. Are there any known records of threatened species on the site or in the surrounding areas?

To ascertain if the proposal is likely to significantly affect threatened species, an assessment following the seven (7) part test of significance set out in Section 5A of the *Environmental Planning and Assessment Act 1979* must be made.

No 🗖	Yes 🗖	$\rightarrow$	Describe	
How might	hey be affecte	ed?		

# 14. Are there any wetlands / swamps / marshes / depressions on the site that will be affected by the proposed works?

No	Yes [	$\rightarrow$	Describe

#### E. PROXIMITY TO RIVER OR WATERCOURSE (IF APPLICABLE)

#### 15. What is the stream like at the site of the proposed development?

Answer this section only if the proposed development is near a stream.		
Bank material (e.g. clay)		
Bed material (boulders, clay, gravel, etc.)		
Bank slope (e.g. steep, gradual, flat)		
Are there any snags in the channel?		
Describe the bank vegetation (e.g. grassed, bare, timbered)		
Width and depth of the watercourse		

Sketch (on topographic map or orthophoto map) site of work in relation to stream.

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.

Name of stream or water body	
Is it intermittent or ephemeral?	
How often does over bank flow occur?	
At what gauge level does significant flooding occur (nearest gauge)?	
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:	
Total area of property to be irrigated	
Area of each crop type	
Benchmark production figures for the crops for the region of development	
Soil Details:	
Texture	
Water holding capacity (e.g. well-drained, poorly-drained, etc)	
Depth of top soil	
Depth to hard pan	
Signs of salinity (e.g. dieback)	
Irrigation – method of application details:	
Type of irrigation system	
How will the irrigation and drainage system account for varying soil water holding	
How will the irrigation be managed?	
Surface and sub-surface drainage details:	
Identify drainage disposal basin site (if applicable)	
Method of disposal drainage	
Volume capacity of basin (if applicable)	

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

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

#### **F. DECLARATION**

I/We hereby declare that the information supplied on this form is accurate to the best of my/our knowledge.

Dated this	day of	20
Signaturo(c) of Applicant(c)	Signaturo(c) of	Applicant(s)

Signature(s) of Applicant(s)

Signature(s) of Applicant(s)