

Apply to take water

Water Act 1992 sections 45 and 60

Form 45/60

This is the approved form under regulation 3 of the Water Regulations 1992 for an application to take groundwater (groundwater extraction licence) or surface water (surface water extraction licence). The information in this form is being collected for the purpose of assessing your application under the Water Act 1992.

Lodging an application

In accordance with regulation 3(4), if a person provides an application with insufficient information to enable a proper decision to be made, the department may return the application for proper completion. An application for a licence is lodged when this application form is complete and sufficient information is provided to enable a proper decision. Please use the checklists provided on the following pages to ensure all requirements are met and your application is complete.

Only complete applications with sufficient information to enable a proper decision will be lodged and subsequently processed in accordance with the Processing Water Extraction Licence Applications Policy. The department will notify you when your application is lodged.

Advertising

Under section 71B of the Act, notice of an application for a new licence may require newspaper advertising. Section 71B of the Act defines the content of the advertisement. The applicant is responsible for paying the cost of advertising. The fee is payable by invoice to you from the department following lodgement of an application.

1. Licence applicant details			
For a joint licence application, details must be completed for each joint applicant. ^An Australian address must be provided.			
	Applicant 1		Applicant 2
Applicant name (this name will appear as the licence holder on the licence)			
Contact person			
Physical address^			
Postal address^			
Phone number			
Mobile number			
Email address for all correspondence			
ASIC extract attached? Companies must attach a copy of its Australian Securities and Investment Commission (ASIC) current extract listing office holders.			Yes / No
This application is for water from an Aboriginal Water Reserve.			Yes / No
Consent from the relevant Aboriginal eligible land owner is attached.			Yes / No / Not applicable
2. Property from which the water is to be extracted			
This application is for a Head Licence to support a sustainable development precinct. Any entitlement resulting from the application will be shared with lessees and land owners within the precinct.			Yes / No
Parcel number		Location/Hundred	
Street address (number/name)			
3. Property from which the water is to be used (leave blank if same as above)			
Parcel number		Location/Hundred	
Street address (number/name)			

4. Legal access

Select the most accurate description of your right to access the land from which the water will be taken by selecting one of the boxes below, attach evidence as described.

Right to access	Check	Evidence required and attached	Attached
Land owner	Yes / No	Copy of your land title	Yes / No
Authorised land occupier	Yes / No	Copy of your authorisation	Yes / No
Owner/occupier approval	Yes / No	Copy of written approval and term of approval	Yes / No
Mineral title holder	Yes / No	Copy of your mineral lease	Yes / No
Petroleum interest holder	Yes / No	Copy of your petroleum lease	Yes / No
Other	Yes / No	Supporting documentation	Yes / No

5. Location plan

Attach a plan drawn to scale, with north point and showing:

- location of wetlands/watercourses/dams or other water structures
- existing and proposed water extraction points and the method and route for conveying the water to area(s) of proposed use
- area(s) for proposed water use
- existing and proposed surface and sub-surface (below the surface) facilities for the retention, recovery or release of drainage water and waste water
- the slope of the land indicating surface water flow paths(s)
- the inferred groundwater flow direction, if known.

6. Licence term

A licence term is generally no more than 10 years. For licences associated with lease agreements (including mineral leases and petroleum leases) the term of the licence generally aligns with the term of the lease or 10 years whichever is the lesser. The Controller may consider special circumstances that justify a longer term licence.

Specify the proposed licence term in years

If you have specified a licence term longer than 10 years, outline the special circumstances that justify the longer term licence:

7. Beneficial use and license term

Identify the beneficial use category that the water will be used for under a licence and enter the maximum annual volume of water required for each beneficial use.

Use type	Yes / No	Maximum water use (ML/year)
Agriculture (to provide irrigation water for primary production included related research e.g. horticulture, feedlots and other intensively raised stock)	Yes / No	
Aquaculture (to provide water for commercial production of aquatic animals and related research e.g. fish, prawn and crocodile farms)	Yes / No	
Public water supply (to provide water for drinking purposes delivered through community water supply systems)	Yes / No	
Environment (to provide water to maintain the health of aquatic ecosystems)	Yes / No	
Cultural (to provide water to meet aesthetic, recreational and cultural needs)	Yes / No	

Industry (to provide water for industry, including secondary industry and for other industry uses not referred to elsewhere in this section.)	Yes / No	
Mining activity (this activity is not permitted under a Head Licence)	Yes / No	
Petroleum activity (this activity is not permitted under a Head Licence)	Yes / No	
Aboriginal economic development (to provide water for Aboriginal economic development)	Yes / No	

8. Water use details

Complete the water use requirements in the following sections relevant to your application. Alternatively, you may provide this information in an attached water use and development plan.

Agriculture

*Specify crop irrigation area (ha) for each type of delivery system.

Crop type	Number of rotations	Drip/Tape *	Micro spray *	Overhead spray *	Centre pivot / Lateral move *	Other *

Aquaculture

Pond name	Source of water extraction	Maximum pond volume (ML)	Maximum pond area (hectares)	Range of pond depth (metres)

Public water supply

Town or community name	Current population	Population in five years	Population in ten years

Environment

Describe how and where water is used to maintain the health of aquatic ecosystems.

Cultural

Describe how and where water is used to meet aesthetic, recreational and cultural needs.

Industry

Type of industry

Describe how water is used and/or attach a plan describing water use and the management for the industrial activity.

Mining activity

Type of mining activity

Provide a summary and attach a copy of the relevant plan describing water use and management for the mining activity and a copy the approved mining management plan (or mining management plan submitted for approval) for the mining activity.

Petroleum activity (A licence cannot be granted to take surface water for a petroleum activity.)		
a) Type of petroleum activity		
b) Does the activity involve water take for hydraulic fracturing?	Yes / No	If no, go to (i)
c) If yes, what is the name of the aquifer/waterway or water body?		
d) Are there any proposed or existing stock and domestic bores within 1 km of this bore?	Yes / No	If no, go to (i)
e) Has the owner of the bore provided written permission for water extraction this bore to occur?	Yes / No	If no, go to (i) Attached, go to (i)
f) If yes, attach a copy of the written permission		
g) Have you undertaken hydrogeological investigation and groundwater modelling that indicates a different distance is appropriate?	Yes / No	If no, go to (i) Attached, go to (i)
h) If yes, attach the relevant documentation.		
i) Attach a copy of the relevant plan describing water use and management for the petroleum activity and a copy the relevant approval (or environment management plan submitted for approval) for the petroleum activity.	Attached	

Aboriginal economic development

Describe how water is used and/or attach a plan describing water use and the management for the Aboriginal economic development.

9. Water use schedule and extraction infrastructure

For each separate beneficial use, and extraction point, complete the table with the estimated water use in megalitres (ML) per month.

Where the application is for multiple water uses, or multiple extraction points, attach additional water use tables for each water use and each extraction point.

Refer to the [water use schedule and extraction infrastructure table](#) at the end of this form.

10. Water use capability

For water for agricultural purposes:

- To demonstrate the land (and soil) on which the water is to be used is suitable for the proposed use complete a land suitability assessment conducted in accordance with the applicable regional agricultural land suitability framework. Provide a copy of your land suitability assessment.
- For other purposes – provide suitable evidence to demonstrate the land is suitable for the proposed use.
- Provide evidence to demonstrate you have the resources and capability to undertake the proposed activity to which the licence relates.
- For commercial developments, a development plan and timetable must be attached identifying key milestones for water use. The development plan should include information relevant to the development and the associated water use including for example:
 - water infrastructure requirements and construction schedules
 - a crop planting schedule that identifies and maps areas for clearing and planting and when these will activities will occur
 - water management plan.

11. Water from other sources

Do you access water from other sources or entitlements?

Yes / No

If **yes**, provide a summary of those sources and entitlement(s) including the quantity and quality of the source or entitlement. Where the entitlement relates to an existing water extraction licence discuss any discrepancy between actual water use and the licensed entitlement.

12. Water resource assessment

For applications seeking a significant quantity of water outside a water allocation plan area, the applicant should provide a description of the water resource and demonstrate the availability of that resource based on the NT Water Allocation Planning Framework available at:

<https://depws.nt.gov.au/water/policy/water-allocation-policies>

The availability of the water resource should be evidenced by monitoring data and modelling outputs. A description of any modelling, including assumptions, and pump files for the proposed use must be provided to support this application.

The level of water resource assessment undertaken should be proportionate to the volume of water be applied for.

Water Resource (To identify water resources, go to NR Maps at www.nrmmaps.nt.gov.au and select the layer Water, Water Resources, Aquifers, Groundwater of the NT 2M or Water, Surface Water Drainage, Stream Order.)	
Water Allocation Plan (To see if you are in a water allocation plan area, go to NR Maps at www.nrmmaps.nt.gov.au and select the layer 'water resources, water management areas, water allocation plan areas'.)	
Water resource assessed, and attached to the application?	Yes / No

13. Groundwater dependent ecosystems

Applicants should consider to the risk of taking groundwater to significant groundwater dependent ecosystems (GDEs) and attach information demonstrating these considerations. For applications where significant GDEs are present your attachments should include information on how the risks to those GDEs will be managed on an ongoing basis. Where a water allocation plan specifies protection measures for GDEs your management actions should align with these measures.

Information on significant GDEs is not widely available. However, GDEs are often associated with areas of cultural significance which are generally understood. Water allocation plans may also have information on GDEs.

To see if you are in a water allocation plan area, go to NR Maps at www.nrmmaps.nt.gov.au and select the layer 'water resources, water management areas, water allocation plan areas'.

Impacts to GDEs assessed, and attached to the application?	Yes / No
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14. Other permits or approvals required

Please identify what other permits or approvals have been provided or are required that relate to this application to take water from a bore/waterway or water body, the type of permit or approval and the status.

Permit / Approval	Yes / No	Type	Status and reference number
Planning approval	Yes / No		
Clearing permit	Yes / No		
Mining activity approval	Yes / No		
Petroleum activity approval	Yes / No		
Non-pastoral land use	Yes / No		
Other	Yes / No		

15. Public register

In accordance with section 95 of the Act, the Controller of Water Resources must keep a register of water extraction licences. The register must be publicly available on the department's website and must include, the:

- name and address of the licence holder
- date on which the licence is due to expire
- location of the property from which the water is currently taken
- maximum quantity of water that may be taken annually
- source of the water that may be taken.

The Controller of Water Resources will also make a copy of this application and any licence granted as a result of this application publicly available on the department's website.

The Controller of Water Resources has the power to suppress information if satisfied there are grounds of commercial confidentiality. You may apply to have commercially confidential information withheld by using the appropriate approved application form available on the department's website.

I acknowledge that the information described above will be freely available from the department's website.	Yes / No
I have completed and attached an application to have commercially confidential information withheld.	Yes / No

16. Consent

Do you consent to receive all ongoing service of documents associated with this application and any future licence via the email address, as provided above?	Yes / No
Do you consent to being contacted by from time to time about work undertaken by the Water Resources Division including; water monitoring activities, water management programs, water allocation plan development, updates to policies and procedures?	Yes / No

17. Declaration

A person with legal authority must sign the declaration. For a licence to be granted in the name of each person in a partnership or a joint interest, each partner or joint interest must sign the declaration.

I hereby declare that the information provided in this notification and accompanying document is to the best of my knowledge, true and correct.

	Applicant 1	Applicant 2
Signature		
Name (print)		
Position		
Date		
Indicate the number of pages attached to this application		

Where and how to submit this form

Email your completed application to water.licensing@nt.gov.au

Applicant Checklist – Part A	
Details	Completed
Applicant details: <ul style="list-style-type: none"> name of individual or company must be indicated a copy of the current ASIC search for all applicant companies listing office holders must be attached postal address and email address must be completed. 	Yes / No
Property from which the water is to be taken: <ul style="list-style-type: none"> property details where the water is to be taken must be supplied. 	Yes / No
Property on which the water is to be used: <ul style="list-style-type: none"> property details where the water is to be used must be supplied. 	Yes / No
Legal access: <ul style="list-style-type: none"> you must provide evidence to demonstrate you have legal access to the property from where the water will be taken and where the water will be used. where the applicant is the owner of the land you must provide a copy of your land title showing you as the owner of the land where the applicant leases the land a copy of the lease must be attached if the applicant uses road reserves, a letter from the authority granting access to the road reserve must be attached a lease contract or agreement or the land owner's written agreement must include: <ul style="list-style-type: none"> permission to be on the land permission to undertake the activities associated with the licence be of a sufficient period to enable the licence concerned to operate. 	Yes / No
Location: <ul style="list-style-type: none"> a detailed location plan must be attached. 	Yes / No
Beneficial use: <ul style="list-style-type: none"> you must identify the beneficial use the water will be used for. 	Yes / No
Details of water use: <ul style="list-style-type: none"> all water uses must be described with as much detail as possible for every water use identified a water use table must be completed. 	Yes / No
Water use schedule: <ul style="list-style-type: none"> a water use schedule must be completed for each beneficial use and each bore field. 	Yes / No
Water use capability: <ul style="list-style-type: none"> the land must be demonstrated to be suitable for the proposed activity for which the water will be used for commercial developments, a property development plan and timetable must be attached identifying key milestones for water use and include a water management plan. 	Yes / No
Water from other sources: <ul style="list-style-type: none"> details regarding water from other sources must be completed. 	Yes / No

Applicant Checklist – Part B Attachments	Attached
<p>Applicant details:</p> <ul style="list-style-type: none"> a copy of applicant company Australian Securities and Investment Commission (ASIC) current extract(s) attached. 	Yes / No
<p>Legal access:</p> <ul style="list-style-type: none"> where the applicant is the owner of the land you must provide a copy of your land title showing you as the owner of the land where the applicant leases the land a copy of the lease must be attached if the applicant uses road reserves, a letter from the authority granting access to the road reserve must be attached a lease contract or agreement or the land owner's written agreement must include: <ul style="list-style-type: none"> permission to be on the land permission to undertake the activities associated with the licence be of a sufficient period to enable the licence concerned to operate. 	Yes / No
<p>Location:</p> <ul style="list-style-type: none"> a detailed location plan must be attached. 	Yes / No
<p>Water use details:</p> <ul style="list-style-type: none"> for a mining activity, an approved mine management plan (or mine management plan submitted for approval) must be attached for a petroleum activity, and approved environment management plan (or environment management plan submitted for approval) must be attached. 	Yes / No
<p>Water use schedule:</p> <ul style="list-style-type: none"> for every water use identified or separate bore field a water use schedule must be completed. 	Yes / No
<p>Water use capability:</p> <ul style="list-style-type: none"> land suitability assessment conducted in accordance with the applicable regional agricultural land suitability framework for the proposed activity associated with the water use. all commercial developments must attach a detailed development plan and timetable identifying key milestones for water use. 	Yes / No
<p>Water from other sources:</p> <ul style="list-style-type: none"> a document explaining how the proposed groundwater extraction in this application will be managed with existing water entitlements should be included. 	Yes / No
<p>Water resource assessment:</p> <ul style="list-style-type: none"> For applications seeking a significant quantity of water outside a water allocation plan area, the applicant must provide a water resource assessment, commensurate with the proposed water use, describing the water resource and its sustainability with consideration of the NT Water Allocation Planning Framework. 	Yes / No
<p>Groundwater dependent ecosystems:</p> <ul style="list-style-type: none"> Where applicable applications must provide an assessment of significant groundwater dependent ecosystems and describe measures that will be taken to ensure groundwater dependent ecosystems are not impacted. 	Yes / No