

APPLICATION FOR A PERMIT TO UTILIZE A CONTROLLED WATER SOURCE

A. GENERAL INFORMATION

- Please note that failure to complete this application form properly may result in unnecessary delays. A farm map must be attached.
- The applicant must please furnish all the information requested, complete all items and indicate where the information is not relevant or unavailable.
- Failure to complete the application form properly may result in unnecessary delays.

1. PARTICULARS OF THE APPLICANT

(a) Title, surname and initials*

* If not the registered owner, written proof of an agreement, lease, cession or other document to show authority to act, must be submitted.

* If a company or closed corporation or any other business operation, please supply particulars of the person authorised to make the application and submit a resolution to that effect.

2. PARTICULARS OF PROPERTY

(a) Registered name and number of farm:

(b) Name of registered owner:

(c) District:

(d) Title Deed Number:

(e) Surface area of farm: (ha)

(f) Information on current water allocation permits must be given in **TABLE 1**.

TABLE 1: CURRENT WATER ALLOCATION PERMITS

PERMIT NUMBER	QUANTITY OF WATER ALLOCATED (m ³ /annum)
1.	
2.	
3.	
TOTAL ALLOCATION:	

3. CURRENT WATER USE ON THE PROPERTY

The existing water use on the property is reflected in **TABLE 2**.

TABLE 2: PRESENT UTILIZATION OF WATER

TYPE OF USE	QUANTITY (m ³ /annum)
Domestic
Stock drinking
Irrigation
Industrial
Other uses
TOTAL	

4. PARTICULARS OF EXISTING WATER SOURCES

Give details of all the existing sources of water on the property and what the water is used for. **TABLE 3** must be accompanied by a map of the farm or a diagram of the property on which the location of the sources of water are indicated by using symbols. The location of boreholes (give WW number if available), wells and dams must be shown as EB1 or EW1 or ED1 for existing boreholes, wells or dams

TABLE 3: PRESENT UTILIZATION OF WATER SOURCES

SOURCE	SYMBOL ON FARM MAP	SOURCE YIELD (m ³ /annum)	WATER USE (ha)	AREA IRRIGATED (ha)
<u>Boreholes</u> (Number)				
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.....				
.....				
.....				
.....				
<u>Wells</u>				
.....				
.....				
.....				
<u>Dams</u>				
.....				
.....				
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5. PARTICULARS OF EXISTING AREA UNDER IRRIGATION

The position and size of the existing and proposed area to be irrigated must also be clearly indicated on the farm map where the water sources are indicated, as well as the direction and distance of the farm from the nearest town.

TABLE 4: AREA UNDER IRRIGATION

CROPS CULTIVATED	AREA (ha)	DATE OF SOIL SAMPLE ANALYSIS	SOIL SAMPLE ANALYSIS RESULTS
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.....			
.....			
.....			
TOTAL			

6. PARTICULARS OF THE NEW WATER SOURCE(S)

TABLE 5: NEW WATER SOURCES

SOURCE	SYMBOL ON MAP	SOURCE YIELD (m ³ /a)	DEPTH DRILLED (m)	DEPTH TO WATER TABLE (m)	TYPE OF INSTALLATION
<u>Boreholes</u> (Number)					
.....					
.....					
.....					
.....					
.....					
.....					
<u>Wells</u>					
.....					
.....					
.....					

Particulars of Dam(s)

Name of watercourse as indicated on map

Embankment type

Height of embankmentM Full storage capacity of dam m³

If the full capacity of the dam is more than 20 000 m³, has the dam been authorised by the Department of Water Affairs? Yes/No

Number of Permit Date

7. PARTICULARS OF EXISTING AND PLANNED WATER INSTALLATIONS

Please provide particulars about the water installations in use.

TABLE 6: INFORMATION ABOUT WATER INSTALLATIONS

SOURCE		IN RIVER (Yes or No)	DISTANCE FROM BANK OF RIVER (m)
SYMBOL(S) ON MAP	TYPE OF INSTALLATION		
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.....
.....
.....
		

- What is the planned annual water consumptionm³/annum
- What is the planned daily water demand during peak periodsm³/day
- During what period of the year is the peak demand
- If a borehole or well is situated in a river bed or on a river bank, indicate the name of the river:

8. PARTICULARS OF AREA EARMARKED FOR IRRIGATION

- (a) Intended date to start with irrigation:
- (b) Total area to be irrigated: hectares
- (c) Will the whole area be irrigated right from the start? Yes/No
- (d) If not, indicate area that will be irrigated initially: hectares
- (e) Water requirement for the initial area to be irrigated: m³/annum
- (f) Water requirement for the total area to be irrigated: m³/annum
- (g) Crops to be cultivated:

(h) Confirmation that a copy of the soil analyses is attached: Yes/No

9. PARTICULARS OF SOIL CLASSIFICATION

(a) Date when the soil samples were analysed:

(b) Indicate soil classification as per the analysis, with regard to the following:

- (i) Type of soil (ii) Series
- (iii) Percentage clay (iv) Effective Soil depth cm
- (v) Texture (vi) Colour

(c) Indicate the irrigability of the soil and any restrictions on the compatibility of the soil and the water. (Irrigation classification).

10. CROPS TO BE CULTIVATED

Detail of the type of crops and the respective areas planned to be irrigated.

TABLE 7: CROP CULTIVATION DETAIL

TYPE OF CROP	AREA (ha)
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.....
.....
.....

11. FEASIBILITY STUDY AND ENVIRONMENTAL STUDY

In order to authorise new permits to utilize controlled water sources to irrigate more than five hectares, it is required that an appropriate feasibility study is done to show that the proposed irrigation project is economically feasible. An environmental assessment of the proposed project must be provided to show how the impact of the development on the environment will be managed.

11.1 It is confirmed that a feasibility study for the project has been done and is submitted. Yes/No

11.2 It is confirmed that an environmental assessment has been done for the project and is submitted. Yes/No

12. FOR OFFICIAL USE

12.1 Department of Agriculture and Rural Development

Comments and recommendations by the Department of Agriculture and Rural Development. (In respect of the type of soil, the compatibility of soil and water, the suitability of the crops to be cultivated under irrigation on that type of soil, the reasonable water demand for the irrigation of those crops and the general viability of the project):

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12.2 Department of Water Affairs

Comments and recommendations by the Department of Water Affairs:

12.2.1 Hydrology Division (In respect of surface water sources)

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12.2.2 Geohydrology Division (In respect of groundwater sources)

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12.2.3 Water Environment Division (In respect of the environment)

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12.2.4 Planning Division (In respect of economic and water use)

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12.3 Advisory Water Board/Water Committee

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12.4 Recommendation

The application is supported/not supported.

UNDER SECRETARY FOR WATER AFFAIRS

DATE:

The application is approved/rejected.

PERMANENT SECRETARY

DATE:.....

FORM WA-002

FOR OFFICIAL USE ONLY

FILE REFERENCE NO

DATE RECEIVED

CASE NO.

Postal address of applicant:

Title:

Name:

Address:

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Telephone:

Fax:

Area code:

Date:

The Under Secretary
Department of Water Affairs
Division: Law Administration
Private Bag 13193
WINDHOEK

APPLICATION FOR A PERMIT TO UTILIZE A CONTROLLED WATER SOURCE

1. This application is for authorization (**Delete which is not applicable**):
 - 1.1 To utilize water for purposes from an **existing** water source or sources, which had already received a permit or permits for use before, but where the permit(s) have lapsed.
 - 1.2 To utilize water for purposes from an **existing** water source or sources in a subterranean water control area which have not previously received a permit for use.
 - 1.3 To utilize water from a **newly planned** water source or sources in a subterranean water control area for purposes.
 - 1.4 To utilize water from a public stream/river bed for purposes.
2. A completed application form is attached for your consideration.

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SIGNATURE OF APPLICANT