



water & forestry

Department:
Water Affairs & Forestry
REPUBLIC OF SOUTH AFRICA

Registration / Licensing

Section 21(b) of the National Water Act

Part 2

STORING WATER – DAM REGISTRATION

SPECIAL NOTE

This application form may be used for registering any of the following:

- a) A dam which can store more than 50 000 cubic meters and has a dam wall which is more than 5 meters high;
- b) A dam belonging to a category of dams declared under section 118(2) of the NWA to be dams with a safety risk; or declared under section 118(3)(a) of the NWA to be a dam with a safety risk;
- c) A dam which is deemed to be significant by the applicant or the relevant office.

Registration of: New Dam
 (mark only one block with an X) Existing dam registered on NRWU

1. WATER USE DETAILS

1.1 Have you already registered a water use with the Department of Water Affairs and Forestry? Yes No

Registration Number:

Water Use Number:

Licence Related WU

RLA Reference:

NRWU Licence Number:

RLA Business Unit:

(NRWU = National Register of Water Use; RLA = Responsible Licensing Authority; WU = Water Use)

For office use only

Allocated Reg. No. WU No.

1.2 Applicant Type (mark only one block with X)

- Individual (complete 1.3)
- Company, business, partnership or community (complete 1.4)
- National Department (complete 1.5)
- Provincial Department (complete 1.6)
- Water Services Provider (complete 1.7)
- Water User Association (complete 1.8)

1.3 If the applicant is an individual

1.3.1 Title Surname Initials

1.3.2 South African ID (if holder of South African Id) alternatively Passport Number:

ID Number or Passport Number

Passport Expiry Date (ccyymmdd)

Passport Country Of Issue

1.4 If the applicant is a company, business, partnership or community:

1.4.1 Name of company, business, partnership or community:

1.4.2 Business Enterprise Registration Number /

1.4.3 Date Established (ccyymmdd)

Country Where Established

1.5 If the applicant is a National Department:

1.5.1 National Department Name:

1.6 If the property owner is a Provincial Department:

1.6.1 Province:

1.6.2 Provincial Department Name:

1.7 If the property owner is a Water Services Provider:

1.7.1 Name of WSP:

1.8 If the property owner is a Water User Association:

1.8.1 Name of WUA:

2. SUCCESSION/TRANSFER AND SOURCE PART 2 DETAILS

2.1 Is this a Succession or a Transfer related Water Use? Yes
(Mark only one box with an X)

No

2.2 If yes, mark with an X the Succession / Transfer Type Full Temporary Transfer Partial Temporary Transfer

Permanent Transfer Succession in Title

2.3 Source Register Number	<input style="width: 100px;" type="text"/>	WU Number	<input style="width: 60px;" type="text"/>
Source Register Number	<input style="width: 100px;" type="text"/>	WU Number	<input style="width: 60px;" type="text"/>
Source Register Number	<input style="width: 100px;" type="text"/>	WU Number	<input style="width: 60px;" type="text"/>

3. GENERAL DAM INFORMATION

3.1 Name of the dam

3.2 If the water is to be stored in a watercourse, then enter the name of the watercourse

3.3 For off-stream storage, enter the name of the watercourse to which the water would naturally drain

3.4 Surname and initials or business name of designer or consultant Initials

3.5 Surname and initials or business name of contractor Initials

4. PURPOSE OF DAM

Identify the purpose that the dam is used for:

- | | |
|--|---|
| <input type="checkbox"/> Agriculture: Irrigation (DW787) | <input type="checkbox"/> Mining (DW788) |
| <input type="checkbox"/> Agriculture: Watering Livestock | <input type="checkbox"/> Recreation |
| <input type="checkbox"/> Agriculture: Aquaculture | <input type="checkbox"/> Schedule 1 |
| <input type="checkbox"/> Industry | <input type="checkbox"/> Water Supply Service (DW789) |

5. DAM SIZE AND BASIN INFORMATION

5.1 Date of completion of the dam (ccyymmdd)

5.2 Size of dam a) Maximum wall height ** metres
 ** "wall height" is the vertical difference between the lowest downstream ground elevation on the dam wall and the non-overspill crest level or the general top level of the dam wall

b) Crest length of wall *** metres
 *** The length of the crest includes the length of the spillway, where applicable.

c) Gross storage capacity thousand cubic metres

d) Water surface area at full supply level hectares

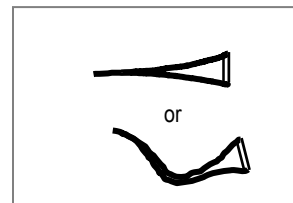
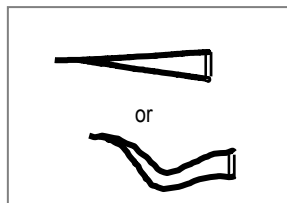
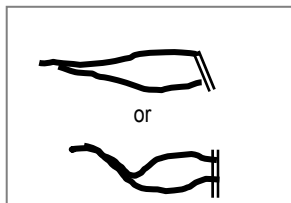
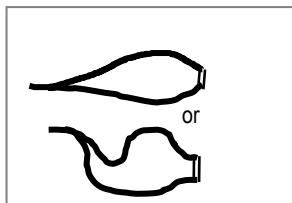
5.3 Water depth at full supply level metres

5.4 For off-stream storage, select the most appropriate dam basin shape below

- Triangular ▲
 Rectangular ■
 Circular ●
 Branched Y

5.5 For in-stream storage, select the shape below that is most similar to the dam basin
 (in these diagrams, flow is from left to right and the || symbol shows the position of the dam wall)

- Bulbous
 Carrot
 Triangle
 Funnel



5.6 Dam basin dimensions

- a) Length (or diameter if round) metres (for in-stream storage, measure along the centre-line)
- b) Width (leave blank if round) metres (for in-stream storage, measure at the widest point)

6. CONTACT DETAILS OF PERSON IN CONTROL OF THE DAM

6.1 Surname First Name Title

6.2 Phone Number Ext

6.3 Fax Number

6.4 Email Address

7. CLASSIFICATION INFORMATION

7.1 Has the dam been classified? Yes No (if no, complete form DW793: Dam Classification)

7.2 If the dam has been classified, then complete the following

Date of classification of the dam (ccyymmdd)

Category classification (mark only one block with an X)

	<input type="checkbox"/> I	<input type="checkbox"/>	<input type="checkbox"/> II	<input type="checkbox"/>	<input type="checkbox"/> III	<input type="checkbox"/>
Size class (mark only one block with an X)	Small	<input type="checkbox"/>	Medium	<input type="checkbox"/>	Large	<input type="checkbox"/>
Hazard potential rating (mark only one block with X)	Low	<input type="checkbox"/>	Significant	<input type="checkbox"/>	High	<input type="checkbox"/>

8. DAM STRUCTURE

8.1 Type of dam (mark applicable type with an X – mark more than one for composite dams)

- | | | |
|--|--|--|
| <input type="checkbox"/> Arch | <input type="checkbox"/> Earth reservoir | <input type="checkbox"/> Multi-arch |
| <input type="checkbox"/> Buttress | <input type="checkbox"/> Gravity | <input type="checkbox"/> Reinforced concrete reservoir |
| <input type="checkbox"/> Other (specify) | <input style="width: 500px; height: 20px;" type="text"/> | |

9. SPILLWAY INFORMATION

9.1 Information about the spillway

a) Type of spillway (mark applicable type with an X – mark more than one if necessary)

- | | | |
|--|--|--|
| <input type="checkbox"/> By-wash | <input type="checkbox"/> Drop inlet | <input type="checkbox"/> Shaft |
| <input type="checkbox"/> Cascade | <input type="checkbox"/> Free fall (straight drop) | <input type="checkbox"/> Side channel |
| <input type="checkbox"/> Chute (baffled, etc.) | <input type="checkbox"/> Labyrinth | <input type="checkbox"/> Siphon |
| <input type="checkbox"/> Chute (lined) | <input type="checkbox"/> Morning glory | <input type="checkbox"/> Stepped |
| <input type="checkbox"/> Conduit | <input type="checkbox"/> Ogee (overflow) | <input type="checkbox"/> Other (describe) |
| <input type="checkbox"/> Culvert | <input type="checkbox"/> Open channel | <input style="width: 250px; height: 20px;" type="text"/> |

b) Crest length of spillway metres

c) Description of spillway gates, if any

d) Details on any auxillary or second spillway

Location ("left bank", "saddle", etc.)

Nature or type of spillway

Crest length of auxillary spilway

 metres

9.2 Does the dam structure incorporate a fish ladder or fish way? Yes No

10. LOCATION OF DAM

10.1 Nearest city or town

10.2 Distance from nearest city or town km

10.3 Direction to dam from nearest city or town ↑ ↗ → ↘ ↓ ↙ ← ↖

10.4 Number of 1:50 000 scale topographic map (or 1:10 000) ()

10.5 Geographic position of center of dam wall (in one format only)

Latitude ° ' . " or . ° or ° . ' ,

Longitude ° ' . " or . ° or ° . ' ,

Datum Type: Cape (Modified Clarke 1880) WGS-84

10.6 Geographic position of center of river at the point where the river crosses the dam wall (in one format only)

Latitude ° ' . " or . ° or ° . ' ,

Longitude ° ' . " or . ° or ° . ' ,

Datum Type: Cape (Modified Clarke 1880) WGS-84

10.7 Quaternary Drainage Region

11. WUA or WSP DETAILS

11.1 Is the dam controlled by a Water Use Association or Water Services Provider? WUA WSP

11.2 Name of Water User Association or Water Services Provider

12. EXISTING AUTHORISATION

12.1 Existing permit information

	Permit number	Date (ccyymmdd)
Permit No.	<input style="width: 95%;" type="text"/>	<input style="width: 100%;" type="text"/>
Permit No.	<input style="width: 95%;" type="text"/>	<input style="width: 100%;" type="text"/>
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Permit No.	<input style="width: 95%;" type="text"/>	<input style="width: 100%;" type="text"/>
Permit No.	<input style="width: 95%;" type="text"/>	<input style="width: 100%;" type="text"/>

12.2 If water use takes place in terms of the General Authorisation, mark with an X

*If yes complete the following details after confirmation with relevant DWAF/CMA officials:

<u>Date(s) from which applicable GA is/was applicable to this water use</u>			
South African Act:		Applicable section of the act	
	[E.g. National Water Act (Act No. 36 of 1998)]		[E.g. Section 21]
Date From (ccyymmdd)	<input type="text"/>	Government Notice No.	<input type="text"/>
Date To (ccyymmdd)	<input type="text"/>	Government Notice Date (ccyymmdd)	<input type="text"/>
Applicable Section Of The General Authorisation		<hr/>	
Date From (ccyymmdd)	<input type="text"/>	Government Notice No.	<input type="text"/>
Date To (ccyymmdd)	<input type="text"/>	Government Notice Date (ccyymmdd)	<input type="text"/>
Applicable Section Of The General Authorisation		<hr/>	
Date From (ccyymmdd)	<input type="text"/>	Government Notice No.	<input type="text"/>
Date To (ccyymmdd)	<input type="text"/>	Government Notice Date (ccyymmdd)	<input type="text"/>
Applicable Section Of The General Authorisation		<hr/>	

12.3 If an authorisation has been issued under other legislation

Law /Regulation

Property Owner Relationship Details

Individual (Identity Number or Passport Number)	Company, Business, Partnership or Community (Business Enterprise Registration Number)	Property Owner Name	Property Owner and Property Relationship Date		Owner Share Value %
			From: (ccyymmdd)	To: (ccyymmdd)	

13. FOR OFFICE USE ONLY

13.1 Billing information

			Start date (ccyymmdd)	End date (ccyymmdd)																				
13.1.1	Applicant billed as:	<input type="checkbox"/> An Individual	<input type="checkbox"/> Via a WUA/WSP	<table border="1"> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table> <table border="1"> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table>																				

13.1.2	Applicant to be charged:	<input type="checkbox"/> On actual volume	<input type="checkbox"/> Registered volume	<table border="1"> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table> <table border="1"> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table>																				

13.1.3 Billing Frequency: Annually Bi-annually Monthly

13.1.4 If to be billed via a WUA /WSP
Name of WUA/WSP

Is WUA/WSP a Billing Agent? Yes No

Billing Agent Register Number

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13.1.5 If this WU is to be billed via Bulk Billing Party that is not a WSP/WUA, complete the following

Name of Customer

Bulk-Bill-to-Party Register Number

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13.1.6 Is the Dam billable? Yes No

13.1.7 Is this a Safety Risk Dam? Yes No

13.1.8	Annual Average Evaporative Loss	Start Date (ccyymmdd)	<table border="1"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>											Volume	<table border="1"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>										

13.2 District Municipality
District Municipality Name (if applicable)

13.3 Late Registration Penalty
Is this a late registration? Yes No

If yes, mark with an X, the applicable penalty to be levied

- R300.00 OR
- 10% (ten percent) of the annual water use charge outstanding at the date of registration which ever is greater

Specify the penalty amount payable

Waive penalty

File number

Water Use Register Number

Received by:

Surname Initials

Position / Rank

Signature

Captured on NRWU database (ccymmdd)

Capured by:

Surname Initials

Signature

Date stamp of receiving office