



APPLICATION FORM FOR A LICENCE TO CONSTRUCT, ENLARGE, ALTER OR REPAIR A CATEGORY I DAM IN TERMS OF THE NATIONAL WATER ACT, 1998 (ACT 36 OF 1998), READ WITH REGULATION 4 TO 9 OF THE REGULATIONS PUBLISHED IN GOVERNMENT NOTICE R. 139 OF 24 FEBRUARY 2012

GENERAL PARTICULARS AND INSTRUCTION

Any person who intends to build a Category I dam, or to change or enlarge an existing dam in such a way that the completed dam would be classified as a Category I dam, should submit the information required in this form. The design drawings of the proposed works must be attached to the application.

Complete this form in block letters or type in the particulars and send it to Director-General: Water and Sanitation, for attention: Dam Safety Office, Private Bag X313, Pretoria, 0001.

GENERAL PARTICULARS OF THE DAM

Name of dam _____

Date of classification _____ Category _____

Department file reference _____
(If the proposed work has not been classified yet a DW692E form must be completed first)

Owner: Surname: _____

First name: _____ Identity number _____

Postal address of owner _____

Postal code _____

Telephone number of owner _____ Cellphone number _____

e-mail address: _____

Description of property as on title deed _____

Portion _____

Magisterial District _____

Nearest town/city _____

Distance to town/city (km) _____

Location (See note 1) Latitude _____ Longitude _____

Name of watercourse and main rivers before reaching sea _____

Purpose of scheme (mention water user(s) and users of water) _____

Nature and extent of proposed enlargement, ² alterations or repair to the existing dam (if applicable)

PARTICULARS OF THE DAM

Type of wall (see Note 2) _____

Gross storage capacity of dam (in cubic metres) _____

Maximum height of wall on downstream side (m) (see Note 3) _____

Crest width at maximum cross section (m) _____

Gradient of upstream side of wall _____

Gradient of downstream side of wall _____

Total crest length of wall (m) _____

Description and quantities of the construction materials and proposed use in different zones of the wall, together with their origin _____

Description of the general nature and distribution of the materials forming the foundations of the dam

What is the maximum expected excavation depth? _____

Description of seepage control measures _____

Is a cut-off trench being provided for? _____

Is a toe drain/blanket drain/chimney drain or any other drain being provided for? _____

Crest length of the spillway (m) _____

Type of spillway (see Note 7) _____

Size of catchment area (km²) _____

Difference in height between overflow crest and non-overflow crest _____

Description of the outlet of the dam (see Note 8) _____

PARTICULARS OF THE CONSTRUCTION OF THE WORKS

Planned date of commencement of the construction work _____

Expected duration of the construction work _____

Name of contractor _____

e-mail address of contractor: _____

Name and particulars of the responsible person for supervision during the construction phase _____

e-mail address of person for supervising construction: _____

Which equipment is to be used for compacting the earth? _____

PARTICULARS OF THE DESIGNER

Name _____

Qualifications _____

Firm/Organisation _____ Telephone _____

LIST OF DESIGN DOCUMENTS ATTACHED

Number of plans attached to the application _____

Is SANS 1200 series specified for the project? _____

SIGNATURE OF APPLICANT _____ **DATE** _____**FOR OFFICE USE**

NOTES

1. The location in terms of latitude and longitude rounded off to the nearest second of accuracy, should be indicated.
2. The different types of walls may include: concrete gravity, concrete arch, multiple concrete arch, buttress, earthfill, rockfill or any combination thereof.
3. In the case of a dam situated across a watercourse, the maximum wall height is measured from the natural level of the bed of the watercourse on the downstream face of the dam to the top of the dam which is the level of the roadway or walkway. In the case of any other dam the height is measured from the lowest elevation of the outside limit of the dam to the top of the dam which is the level of the roadway or walkway. In the case of a dam consisting of a spillway only, the height is measured to the crest level of the spillway.
4. The type of spillway may include one of the following: free overfall (straight drop), ogee (overflow), open channel (by-wash or saddle), side channel (spatially varied flow), conduit or tunnel, shaft (morning glory), baffled chutes or siphon.
5. Indicate if the control point is placed on the upstream or downstream side of the dam, the material used for the outlet conduit and if it is covered in concrete.