



STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

Corresponding Water Use Identification No. _____

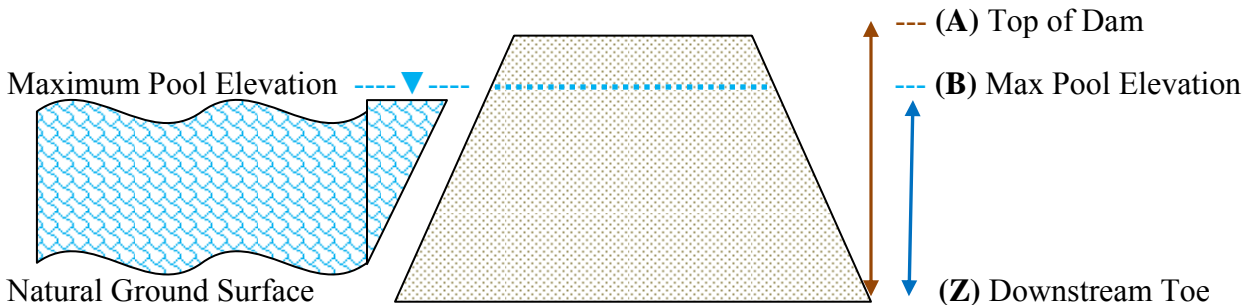
APPLICATION FOR CONSTRUCTION OR ENLARGEMENT OF A NEW OR EXISTING DAM

Required for construction or enlargement of a dam 10 feet or more in height or a reservoir with a storage capacity of 50 acre-feet or more. Please complete this application to reflect the final project dimensions.*

- 1) Is this application for enlargement of an existing dam or reservoir? Yes ___ No ___
- 2) Name of Dam or Reservoir: _____
- 3) Name of Applicant: _____
 Address: _____ City/ State: _____ ZIP: _____
- 4) Dam Location: Township _____ Range _____ Section _____ County _____
- 5) Is the dam/reservoir located out-of-channel (off stream)? Yes ___ No ___
- 6) Source of Water: _____ Tributary to: _____
- 7) Reservoir: Surface Area _____ (acres) Storage Capacity: _____ (acre-feet)
- 8) Proposed Use(s): _____
- 9) Type of Dam/ Construction Materials: _____ (earth, concrete, rock, etc.)
- 10) **Dam Height:** _____ (feet) → (A) to (Z)

Dam height corresponds to the vertical distance measured at the downstream toe of the dam, from the original /natural ground surface to the top of the dam (see below).

- 11) **Hydraulic Height:** _____ (feet) → (B) to (Z)
- Hydraulic height corresponds to the vertical distance measured at the downstream toe of the dam to the maximum reservoir surface elevation (see below).



* **Note!** Design plans and specifications must be reviewed and approved by IDWR Dam Safety prior to beginning construction. Dams more than 20 feet in height or reservoirs with a storage capacity 100 acre-feet or more require a design prepared by an Idaho licensed professional engineer (§ 42-1712).

12) What is the size and composition of the outlet conduit (pipe)?

Inside Dimension: _____ (inches) Composition: _____ (steel, plastic, etc.)

13) Where is the emergency spillway located relative to the dam (looking downstream)?

Left Abutment ___ Right Abutment ___ Other (explain) _____

14) Describe the spillway channel lining material: _____ (concrete, rock, etc.)

15) List the depth of the spillway channel entrance as measured from the top of the dam: _____ (feet)

16) Spillway channel dimensions: Bottom Width ___ (ft), Top Width ___ (ft), Side slopes ___ H : ___ V

17) Proposed date for start of construction (month and year): _____

18) Estimated completion of construction (month and year): _____

19) Do you own the real property where the dam and reservoir are located? Yes ___ No ___

20) If "No", list the name and address of the property owner: _____

Address: _____ City/ State: _____ ZIP: _____

21) Applicant Signature: _____ Date: _____

----- Fee Schedule -----

The fee collected for construction of a new dam, or for enlarging an existing dam or increasing the storage capacity of an existing reservoir (§ 42-1713) is additional to other Water Right Application fee(s). Note also that certain types of hydraulic barriers are exempt from IDWR dam safety regulation (§ 42-1711).

| | |
|--------------------------------------|--|
| 10 acre-feet total capacity, or less | No fee is required for hydraulic barriers constructed in low hazard areas impounding 10 acre-feet or less, regardless of height. |
| 1000 acre-feet capacity, or less | \$200, plus \$10 for each ten (10) acre-feet of reservoir capacity or part thereof. |
| 1001 acre-feet to 10,000 acre feet | \$1000, plus an additional \$1.00 for each ten (10) acre-feet or part thereof over the first one-thousand acre-feet capacity. |
| More than 10,000 acre-feet | \$1900, plus \$0.20 for each ten-thousand acre-feet of reservoir capacity; total fee shall not exceed \$6000. |

----- **For Department Use Only** -----

Application Received By: _____ Fee: \$ _____

Receipt No: _____ Received By: _____ Date: _____

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