



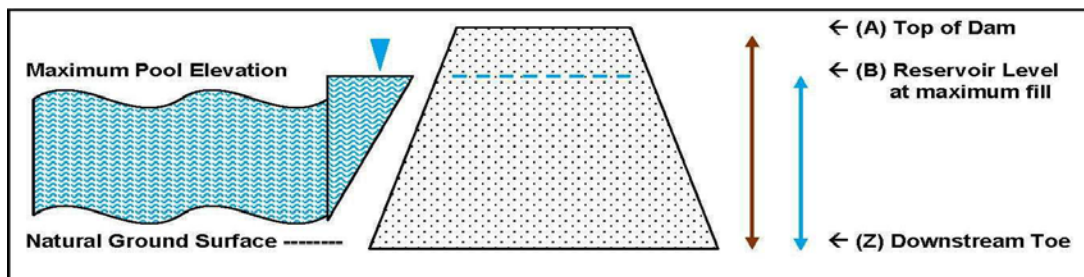
## STATE OF IDAHO

## DEPARTMENT OF WATER RESOURCES

## APPLICATION FOR CONSTRUCTION OR ENLARGEMENT OF A NEW OR EXISTING DAM

Please complete the following 2-page form. All dams equal to or exceeding 10 feet in height and impounding a reservoir 50 acre-feet or more must be designed by an Idaho licensed professional engineer ([Idaho Code § 42-1712](#)). Design plans and specifications may be included herewith, or they may be submitted separately after receiving a water right\* permit. Do not commence construction until your engineer has submitted plans and specifications to IDWR Dam Safety for review and has obtained subsequent written approval.

- 1) Is this application for the enlargement of an existing dam or reservoir? Yes ☐ No ☐
- 2) Name of dam or reservoir: \_\_\_\_\_
- 3) Name of applicant: \_\_\_\_\_  
 Address: \_\_\_\_\_ City/State: \_\_\_\_\_ ZIP: \_\_\_\_\_  
 E-mail: \_\_\_\_\_ Telephone: \_\_\_\_\_
- 4) Dam location: Township \_\_\_\_\_ Range \_\_\_\_\_ Section \_\_\_\_\_ County \_\_\_\_\_
- 5) Name of your engineer: \_\_\_\_\_; License no: \_\_\_\_\_
- 6) Is the dam/reservoir located out-of-channel (off stream)? Yes ☐ No ☐
- 7) Reservoir: Surface area \_\_\_\_\_ (acres) Storage capacity: \_\_\_\_\_ (acre-feet)
- 8) Minimum crest width \_\_\_\_\_ (ft); Downstream slope: \_\_\_\_\_ H \_\_\_\_\_ V; Upstream slope: \_\_\_\_\_ H \_\_\_\_\_ V
- 9) Type of dam/construction materials: \_\_\_\_\_ (earth, concrete, rock, etc.)
- 10) **Dam Height:** \_\_\_\_\_ (feet) → (A) to (Z) (see illustration below)  
 Dam height is the vertical distance measured from the top of the dam to the downstream toe of the dam.
- 11) **Hydraulic Height:** \_\_\_\_\_ (feet) → (B) to (Z) (see illustration below)  
 Hydraulic height is the vertical distance measured from the maximum water surface to the downstream toe.



\* Design approval for new construction or enlargement of an existing dam does not constitute permission to store water; you also must possess a valid water right recognized by the State of Idaho and filed with IDWR.

12) Proposed water use(s): \_\_\_\_\_

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

Inside dimension: \_\_\_\_\_ (inches)      Composition: \_\_\_\_\_ (steel, plastic, etc.)

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

Left abutment ☐    Right abutment ☐    Other (explain) \_\_\_\_\_

15) Spillway channel lining material: \_\_\_\_\_ (concrete, rock, etc.)

16) Spillway depth measured at the channel entrance relative to the top-of-dam (freeboard): \_\_\_\_\_ (feet)

17) Spillway channel dimensions: Bottom width \_\_\_\_\_ (ft), Top width \_\_\_\_\_ (ft), Side slopes \_\_\_\_ H \_\_\_\_ V

18) Source of water: \_\_\_\_\_      Tributary to: \_\_\_\_\_

19) Proposed date for start of construction (month and year): \_\_\_\_\_

20) Estimated completion of construction (month and year): \_\_\_\_\_

21) Do you own the real property on which the dam and/or reservoir will be located?    Yes ☐    No ☐

22) If "no", list the name and address of the property owner: \_\_\_\_\_

Address: \_\_\_\_\_      City/State: \_\_\_\_\_      ZIP: \_\_\_\_\_

23) 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 ([Idaho Code § 42-1713](#)) is additional to other water right application fee(s).

Less than 10 feet height <b>OR</b> Less than 50 acre-feet capacity	No fee is required for embankments located in low hazard areas if the height is less than 10 feet or reservoir storage is less than 50 acre-feet.
1,000 acre-feet capacity, or less	\$200 plus \$10.00 for each ten (10) acre-feet of reservoir capacity or part thereof.
1,001 acre-feet to 10,000 acre feet	\$1,000 plus \$1.00 for each ten (10) acre-feet or part thereof over the first one thousand (1,000) acre-feet capacity.
More than 10,000 acre-feet	\$1,900 plus \$0.20 for each ten (10) acre-feet or part thereof over the first ten thousand (10,000) acre-feet of reservoir capacity; total fee shall not exceed \$6,000.

### **For Department Use Only**

Application received by: \_\_\_\_\_      Fee: \$ \_\_\_\_\_  
 Receipt no: \_\_\_\_\_      Received by: \_\_\_\_\_      Date: \_\_\_\_\_