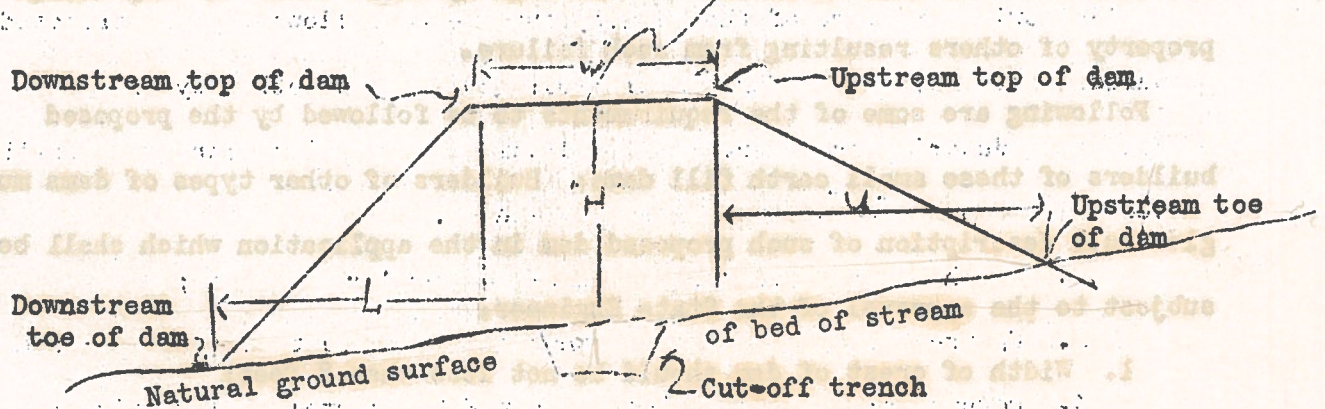


Before a permit is issued approving an application proposing the construction of a dam less than 10 feet high and storing less than 3,000,000 gallons of water, the information following the sketch below must be filed with the State Engineer, and must conform with the dimensions and description of the dam given in the application. The height is measured from the lowest point of the ground surface or from the lowest point in the stream bed to the top of the dam on the center line of the dam. The data required is that of the maximum section or at the point where the dam is to be highest above the natural ground surface or stream bed.

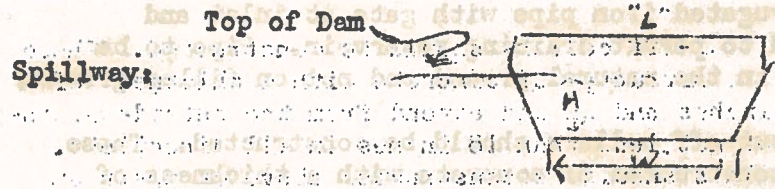
All dams will be inspected by the State Engineer or his assistant before certificate of water right is issued. Point  $\frac{1}{2}$  width of dam is centerline



All dimensions given below must conform to minimum requirements shown on other side.

**Earth dam**

Amount of water impounded 3.0 acre feet.  
 Top width of dam indicated on sketch by letter "W" 8.0 feet.  
 Height of dam measured from top of dam to ground surface or bed of stream on center line of dam or a point  $\frac{1}{2}$  the top width of the dam, indicated on sketch by letter "H" is 10.0 feet.  
 The horizontal distance from upstream top of dam to upstream toe indicated on sketch by letter "U" is 29.0 feet.  
 The horizontal distance from downstream, indicated on sketch by letter "L" is 21.0 feet.



Spillway:  
 Approximate drainage area of creek above dam 1.0 square mile.  
 Bottom width of spillway, indicated on sketch by letter "W" is 2.0 feet.  
 TOP width of spillway, indicated on sketch by letter "L" is 2.0 feet.  
 Distance between top of dam and bottom of spillway at the upper end, indicated on sketch by letter "H" is 2.0 feet.

The applicant herewith agrees to build the dam in accordance with the above dimensions, and the requirements given on other side.

Audrey M. Smith  
 Signature of Applicant

RECEIVED  
 NOV 26 1954  
 STATE ENGINEER  
 SALEM, OREGON