

Application for a Permit to Construct a Reservoir and to Store for Beneficial Use the Unappropriated Waters of the State of Oregon

I, G. F. Haberlach (Name of Applicant)

of Route 1 Box 271 Clackamas, Oregon (Mailing Address)

State of Oregon, do hereby make application for a permit to construct the following described reservoir and to store the unappropriated waters of the State of Oregon, subject to existing rights.

If the applicant is a corporation, give date and place of incorporation

1. The name of the proposed reservoir is

2. The name of the stream from which the reservoir is to be filled and the appropriation made is an unnamed stream

tributary of Rock Creek

3. The amount of water to be stored is 15.3 acre feet.

4. The use to be made of the impounded water is Irrigation (Irrigation, power, domestic supply, etc.)

5. The location of the proposed reservoir will be in Sec. 12 (Give sections or townships to be submerged)

Tp. 2 S., R. 2 E., W. M., in the county of Clackamas

(a) State whether situated in channel of running stream and give character of material at outlet

The reservoir is located in the channel of the running stream behind an earth fill dam. The foundation material at the outlet is clayey silt.

(b) If not in channel of running stream, state how it is to be filled. If through a feed canal, give name and dimensions

6. The dam will be located in S.E. 1/4 of the S.E. 1/4, Sec. 12 (Smallest legal subdivision)

Tp. 2 S., R. 2 E., W. M. The maximum height will be 22 feet above stream bed or ground surface on center line of dam. The length on top will be 320 feet; length on bottom 20 feet; width on top 15 feet; slope of front or water side 3 to 1; slope on back 2 to 1; height of dam above water line when full 5.2 feet.

\* A different form of application should be used for the appropriation of stored water to beneficial use. Such forms can be secured without charge, together with instructions, by addressing the State Engineer, Salem, Oregon.

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: The dam will be a compacted earth fill. Brown clayey silt is the fill material. Rock Riprap will give protection from waves around the principal spillway.

8. The location of wasteway with dimensions are as follows: An emergency spillway in addition to the principal spillway will be located around the end of the dam in the right abutment. The bottom width is 42 feet, with 3 to 1 side slopes. The Grade of the entrance channel is minus 5% and the grade in the exit channel is plus 6%.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: An outlet conduit is provided under the fill. It consists of a vertical 48 inch C.M.P. open at top and connected with a 30 inch C.M.P. running horizontal from the vertical riser to the downstream toe of the fill. A 12 inch C.M.P., gated, is provided from the bottom of the upstream slope of the fill to the vertical riser. All pipe is asphalt dipped and layed on a concrete cradle.

10. The area submerged by the proposed reservoir, when full, will be 2.75 acres, with a maximum depth of water of 15.8 feet; and approximate mean depth of water 5.6 feet.

11. The estimated cost of the proposed work is \$ 5,539.00

12. Construction work will begin on or before 1 September 1959

13. Construction work will be completed on or before 1 September 1960

By Gustav F. Haberlach (Signature of applicant)

STATE OF OREGON, } ss. County of Marion,

This is to certify that I have examined the foregoing application, together with the accompanying maps and data, and return the same for

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before, 19.....

WITNESS my hand this ..... day of ..... 19.....

STATE ENGINEER

By ..... ASSISTANT



Application No. R-33183  
Reservoir Permit No. R-2256

**PERMIT**

To construct a reservoir and store for beneficial use the unappropriated waters of the State of Oregon.

This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 29<sup>th</sup> day of JUNE, 1959, at 10:30 o'clock A.M.

Returned to applicant:

Approved:

August 20, 1959  
Recorded in Book No. 8 of  
Reservoirs, on Page 2256

LEWIS A. STANLEY  
STATE ENGINEER

Drainage Basin No. 2 page 10M

Fees 1.00