

Reservoir Permit No. 1670

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

I, O.A. Marquam F. SOM (Name of Applicant)

of Marquam, (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 Marquam reservoir

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

tributary of Rock Creek

3. The amount of water to be stored is 2.5 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. 10 (Give sections and townships to be submitted)

Tp. 6S, R. 1E, W. M., in the county of Clackamas

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

The dam will be in the channel of a running stream and will be a compacted earth fill

(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 SW 1/4 NW 1/4, Sec. 10 (Smallest legal subdivision)

Tp. 6S, R. 1E, W. M. The maximum height will be 9.9 feet above stream bed or ground surface on center line of dam. The length on top will be 60 feet; length on bottom 20 feet; width on top 10 feet; slope of front or water side 3:1 (Feet horizontal to 1 vertical); slope on back 2:1 (Feet horizontal to 1 vertical); height of dam above water line when full 3 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.

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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 structure to be built with heavy equipment. Wave protection is not required.

8. The location of wasteway with dimensions are as follows: The spillway will be around the dam and will be 20 feet wide and 3 feet deep.  
(State whether over or around the dam)

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: The outlet will be through the dam and will be 6" corrugated, asphalt dipped pipe with a controlled inlet pipe.  
(All dams across natural stream channels must be provided with an outlet conduit, of such capacity and location to pass the normal flow of the stream at any time.)

10. The area submerged by the proposed reservoir, when full, will be 0.5 acres, with a maximum depth of water of 8 feet; and approximate mean depth of water 5 feet.

11. The estimated cost of the proposed work is \$ 500.00

12. Construction work will begin on or before Set. 25, 1954

13. Construction work will be completed on or before Oct. 25, 1954

[Signature]  
(Signature of applicant)

STATE OF OREGON, }  
County of Marion, } <sup>38.</sup>

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



Application No. *R-29416*

Reservoir Permit No. *R-167A*

**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 *21<sup>st</sup>* day of *August*, 195*4*, at *1:05* o'clock *P.*M.

Returned to applicant:

Approved:

*February 21, 1955*

Recorded in Book No. *6* of Reservoirs, on Page *1670*

**LEWIS A. STANLEY**

STATE ENGINEER

Drainage Basin No. *2* page *38V*

*Fees paid \$15.00*