

Reservoir Permit No. 1675

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

I, Russell W Langford (Name of Applicant)

of Rt 4 Box 554 Salem (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 Miller Creek

tributary of Willamette River

3. The amount of water to be stored is 0.9 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. 35 (Give sections or townships to be submerged)

Tp. 6-S, R. 3-W, W. M., in the county of Marion

(a) State whether situated in channel of running stream and give character of material at outlet Structure will be located in stream -- Outlet will be in compact Olympic subsoil

(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 NW 1/4; SW 1/4 Sec. 35 (Smallest legal subdivision)

Tp. 6-S, R. 3-W, W. M. The maximum height will be 9 feet above stream bed or ground surface on center line of dam. The length on top will be 190 feet; length on bottom 25 feet; width on top 8 feet; slope of front or water side 3 to 1; slope on back 2 to 1; height of dam above water line when full 3.0 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.

R- 1675

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: Compacted earth fill - no wave action .25acre surface area

8. The location of wasteway with dimensions are as follows: Around dam on north side located on residual material Dimensions 3 feet deep 1:1 side slopes, ¹⁰/₅ foot bottom width

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: Steel pipe through center line of dam near present creek channel. Located in excavated channel approx. 18 inches deep with 2 concrete collars spaced 12 from upstream terminus of 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 0.25 acres, with a maximum depth of water of 7.0 feet; and approximate mean depth of water 4.0 feet.

11. The estimated cost of the proposed work is \$ 800.00

12. Construction work will begin on or before October 15, 1955

13. Construction work will be completed on or before October 15, 1955

Orville W. Langford
Signature of the Engineer

STATE OF OREGON,)
County of Marion,) ss.

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-29509*

Reservoir Permit No. *R 1675*

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 *11th* day of *October* 195*7*, at *9:20* o'clock *A.* M.

Returned to applicant:

Approved:

February 21, 1955

Recorded in Book No. *6* of
Reservoirs, on Page *1675*

LEWIS A. STANLEY

STATE ENGINEER

Drainage Basin No. *2* page *76A11*

Fees paid \$15.00