

- 7274

Reservoir Permit No. 1172

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

I, ALLEN R. STEVENS and Mary Luella Steven
(Name of Applicant)

of RICKREALL Rt 1 Box 196
(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 STEVENS' RESERVOIR

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

tributary of Salt Creek Rickreall Creek

3. The amount of water to be stored is 7.3 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. 3
(Give sections or townships to be submerged)

Tp. 7 S, R. 4 W., W. M., in the county of POLK

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

Situated in the channel of McMahan Branch of Salt Creek with
clay base under 2 to 3 feet of topsoil at outlet.

(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. W. 1/4 of S. E. 1/4 of, Sec. 3
(Smallest legal subdivision)

Tp. 7S, R. 4 W., W. M. The maximum height will be 17 feet above stream bed or ground surface on center line of dam. The length on top will be 225 ft. feet; length on bottom 102 ft. from toe to heel feet; width on top 12 ft. feet; slope of front or water side 3:1; slope on back 2:1; height of dam above water line when full 3 ft. feet.
(Feet horizontal to 1 vertical) (Feet horizontal to 1 vertical)

* 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: This is to be an earth fill dam with a compacted clay core 12 ft. in width. No or very little wave action is anticipated on the dam since the prevailing winds are from the west and south. Reservoir is protected from winds in the other directions.

8. The location of wasteway with dimensions are as follows: Spillway to be (State whether over or around the dam) around the South end of the dam and is to have 12 ft. bottom width, 2:1 side slopes and s = 0.0008 ft./ft. for the first 225 ft. and 0.08 ft./ft. channel slope to the creek. This last slope to be protected with rock if erosion is too great.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: same as above. (State whether through or around the proposed dam)

10. The area submerged by the proposed reservoir, when full, will be 1.6 acres, with a maximum depth of water of 11 ft. feet; and approximate mean depth of water 10.0 feet.

- 11. The estimated cost of the proposed work is \$ 700.00
- 12. Construction work will begin on or before July 10, 1951
- 13. Construction work will be completed on or before Sept. 1951

Mary Luella Stevens
(Name of applicant)
Alton E. Stevens

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 correction or completion as follows:

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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-26070*
Reservoir Permit No. *1112*

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 *21st* day of *June*, 1951, at *8:45* o'clock *A.M.*

Approved:

November 16, 1951

Recorded in Book No. *4* of
Reservoirs, on Page *1173*

CHAS. E. STRICKLIN
STATE ENGINEER

Drainage Basin No. *2* page *7.6-A-3*

Fees Paid *\$15.00*

State Printing Dept. 6718