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MAY 21 1955  
STATE ENGINEER  
SALEM, OREGON

\* Reservoir Permit No. 1716

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

I, Harley R. Carter and Raphael Gardener  
(Name of Applicant)

of Lake Creek,  
(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 Wade Reservoir

2. The name of the stream from which the reservoir is to be filled and the appropriation made is Salt Creek and Yaw Creek  
tributary of Little Butte Creek

3. The amount of water to be stored is 645 acre feet.

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

5. The location of the proposed reservoir will be in Sec. 10  
(Give section, township, T. or subdivision)  
Tp. 36 S., R. 4 E., W. M., in the county of Jackson

(a) State whether situated in channel of running stream and give character of material at outlet  
not situated in channel of running stream.

(b) If not in channel of running stream, state how it is to be filled. If through a feed canal, give name and dimensions. Reservoir to be filled by use of feed canal 2200 feet long, 5 feet wide and 4.0 feet in depth. Grade 1 inch per 100 feet.

6. The dam will be located in W. 36 S., Sec. 10,  
(Smallest legal subdivision)  
Tp. 36 S., R. 4 E., W. M. The maximum height will be 10 feet above stream bed or ground surface on center line of dam. The length on top will be 1017 feet; length on bottom 120 feet; width on top 40 feet; slope of front or water side 1 vertical to 1 horizontal; slope on back 1 vertical to 1 horizontal; height of dam above water line when full 5.0 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.

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: Earth and rock fill. An impervious material will be used for the main body of dam, with a heavy layer of rock on both sides of dam to prevent erosion.

8. The location of wasteway with dimensions are as follows: Around the South end of dam, being 100 feet wide on bottom, 110 feet wide on top and 5 feet in depth.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: Through bottom of dam using 12 inch reinforced concrete approximately 350 feet in length. All cut-off walls to be constructed around outlet pipe. Gate type control valve to be installed on water side.

10. The area submerged by the proposed reservoir, when full, will be 41.0 acres, with a maximum depth of water of 65 feet; and approximate mean depth of water 30.7 feet.

11. The estimated cost of the proposed work is \$25,000.00

12. Construction work will begin on or before 1 year from date of priority.

13. Construction work will be completed on or before October 1, 1937

Harley R. Easton  
(Signature of applicant)

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-30030*  
Reservoir Permit No. *R-1716*

## 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 *31<sup>st</sup>* day of *May*, 19*55*, at *1:00* o'clock *P.* M.

Returned to applicant:

Approved:

*June 20, 1955*  
Recorded in Book No. *6* of  
Reservoirs, on Page *1716*

*LEWIS A. STANLEY*  
STATE ENGINEER

Drainage Basin No.      page

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