

• Reservoir Permit No. 2301

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

I, Douglas Heater  
(Name of Applicant)

of P.O. Box 306, Stayton  
(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 Heater Dam

2. The name of the stream from which the reservoir is to be filled and the appropriation made is South Branch Valentine Creek  
tributary of North Santiam River

3. The amount of water to be stored is 22 acre feet.

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

5. The location of the proposed reservoir will be in Sec. NW 1/4 NW 1/4 of Sec 10  
(City sections or townships to be submerged)  
and NE 1/4 NE 1/4 of Sec. 9  
Tp. 9S, R. 1E, W. M., in the county of Marion

(a) State whether situated in channel of running stream and give character of material at outlet  
In channel, silty clay loam

(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 NE 1/4 NE 1/4 of ~~NW 1/4 NW 1/4~~, Sec. 9  
(Smallest legal subdivision)  
Tp. 9S, R. 1E, W. M. The maximum height will be 24.5 feet above stream bed or ground surface on center line of dam. The length on top will be 385' feet; length on bottom 40' feet; width on top 12' feet; slope of front or water side 3:1; slope on back 2:1; height of dam above water line when full 4.5' feet.  
(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: Compacted earth fill

Wave action is not a problem

8. The location of wasteway with dimensions are as follows: Around N. End of dam - 27' bottom width 3.5 depth 1:1 Side Slope  
(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: Near lowest Elev. in Stream Channel. 8" dia 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.)  
excised in 20 inch square reinforced concrete block. Gate Valve at upper end at inlet box. 5 concrete collars around block, and core outlet box

10. The area submerged by the proposed reservoir, when full, will be 4.8 acres, with a maximum depth of water of 20' feet; and approximate mean depth of water 6.6 feet.

11. The estimated cost of the proposed work is \$ 6,680.00

12. Construction work will begin on or before July 5th 1959

13. Construction work will be completed on or before Oct. 15, 1959  
Douglas Heater  
(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 September 25, 1959.

WITNESS my hand this 23rd day of September, 1959

STATE ENGINEER  
By [Signature]  
ASSISTANT



Application No. *R 33442*  
Reservoir Permit No. *R-2301*

## 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 *27* day of *October*, 19*52*, at *1:03* o'clock *P.* M.

Returned to applicant:

Approved:

January 20, 1950  
Recorded in Book No. 8 of  
Reservoirs, on Page *2301*.

*LEWIS A. GALEY*  
STATE ENGINEER

Drainage Basin No. *2* page *50J*

Fees *15.00*