

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

I, Frank E. and Alice I. Probes  
(Name of Applicant)

of Route 1 Box 227, Sheridan, Oregon  
(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 Mt. Springs Ranch Dam

2. The name of the stream from which the reservoir is to be filled and the appropriation made is Gooseneck Creek  
tributary of Yamhill River

3. The amount of water to be stored is 66.85 (3.0 af. per R4592) acre feet.  
(Total 69.85)

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. 6S, R. 7W, W.M., in the county of Polk

(a) State whether situated in channel of running stream and give character of material at outlet  
The dam will be located across the Gooseneck Creek channel. The outlet pipe and spillway will discharge into the present channel which is composed of gravel and cobbles.

(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 SE 1/4 of SW 1/4, Sec. 35  
(Smallest legal subdivision)  
Tp. 6S, R. 7W, W.M. The maximum height will be 37.1 feet above stream bed or ground surface on center line of dam. The length on top will be 170 feet; length on bottom 75 feet; width on top 18 feet; slope on front or water side 3 to 1; slope on back 2 to 1; height of dam above water line when full 4.7 feet.  
(Feet horizontal to 1 vertical) (Feet horizontal to 1 vertical)  
Ltr. 3-10-67

\* 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 97310.

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 is an earthfill dam to be constructed of native materials which may be classified as clay or a silty clay. A copy of the laboratory reports of the material taken from the dam site location and from a borrow pit at the right side of the valley are enclosed. The water slope will be protected by a blanket of coarse gravel, which is available on the owners property.

8. The location of wasteway with dimensions are as follows: The wasteway is located at the right side of the valley at the south end of the dam. The wasteway has a 40 ft. invert width and a depth of 3 feet. The invert and sides are to be protected with gravel and riprap. The spillway crest is provided with a 2 foot high concrete cutoff wall.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: A 24" corrugated metal pipe, asphalt coated and asbestos bonded class rivetted is to provide passage of water through the dam. (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) The flow will be controlled with an Arcoa Model 35-05 slide gate with lift control at the top of the dam. The pipe is continuously supported on a concrete saddle.

10. The area submerged by the proposed reservoir, when full, will be 5.41 acres, with a maximum depth of water of 20.51 below spillway feet; and approximate mean depth of water 20 feet.

11. The estimated cost of the proposed work is \$12,000.00

12. Construction work will begin on or before June 1, 1967

13. Construction work will be completed on or before October 1, 1968

Frank T. Propper  
(Signature of applicant)  
Chas. S. Propper

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

GAG By

ASSISTANT

Remarks: Frank and Alice Propes were granted a permit no. R4592, dated October 6, 1965 to construct a dam 10 feet high for storage of water for irrigation purposes. On the basis of this permit a 10 ft. high dam with a 24" diameter outlet pipe was constructed in August 1966. Work was completed on August 18, 1966. This low dam was built wide enough to form a base for the higher dam for which a permit is being applied for at this time. The installation of the outlet pipe and the construction of the low dam was made to conform to the requirements for a higher dam. The work was inspected by Mr. J. E. Hill, engineer.

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

This is to certify that I have examined the foregoing application and do hereby grant the same, subject to the following limitations and conditions: The right herein granted is limited to the construction of Mt. Springs Ranch Dam and storage of water from Gooseneck Creek to be appropriated under application No. 43212, permit No. 31865 for supplemental irrigation, and the dam shall be constructed under the supervision of a registered professional engineer.

The right hereunder shall be limited to the storage of 66.85 acre feet.

The priority date of this permit is January 19, 1967.

Actual construction work shall begin on or before April 11, 1968 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1968.

Extended to Oct. 1, 1969

WITNESS my hand this 11th day of April, 1967.



STATE ENGINEER

Application No. R 43211  
Reservoir Permit No. R 4810

## 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 19 day of January, 1967, at 5:45 o'clock PM.

Returned to applicant:

Approved:

April 11, 1967

Recorded in Book No. \_\_\_\_\_ of

Reservoirs, on Page R 4810

CHRIS L. WHEELER

State Engineer

Drainage Basin No. 3 page 90B2

Fees \$15.00