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"CERTIFICATE NO. 54238"

OCT 29 1974

STATE ENGINEER
SALEM, OREGON

* Reservoir Permit No. **R 6380**

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

I, Robert H. and Dixie Hogan
(Name of Applicant)

of Old Cemetary Road, P.O. Box 312, Oakland
(Mailing address) (City)

State of Oregon, 97462, do hereby make application for a permit to construct the
(Zip Code)
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 no name

2. The name of the stream from which the reservoir is to be filled and the appropriation made is
Unnamed stream
tributary of Calapooya Creek

3. The amount of water to be stored is 1.62 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. 33
(Give sections or townships to be submerged)
Tp. 24S., R. 5W., W.M., in the county of Douglas

(a) State whether situated in channel of running stream and give character of material at outlet
in channel of seasonal stream - clay 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 SE 1/4 NE 1/4, Sec. 33
(Smallest legal subdivision)
Tp. 24S., R. 5W., W.M. The maximum height will be 9.9 feet above stream bed or ground surface on center line of dam. The length on top will be ± 100 feet; length on bottom ± 60 feet; width on top 8 feet; slope on front or water side 3:1; slope on back 2:1; height of dam above water line when full 2.4 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 97310.

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows:

Dam will be constructed with core trench, using good material, and packed layers of fill material from excavation. Waves will not be a problem because of natural protection from wind plus a very small reservoir area.

8. The location of wasteway with dimensions are as follows: (State whether over or around the dam)

The spillway will be around end of dam. The annual yield is such that the emergency spillway is sufficient without a pipe spillway. This is a seasonal drainage area. Bottom width of spillway is 10 feet. Top width is 14 feet.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: None - stream dry throughout distribution (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) season.

10. The area submerged by the proposed reservoir, when full, will be 0.51 acres, with a maximum depth of water of 14 feet; and approximate mean depth of water 3.18 feet.

11. The estimated cost of the proposed work is \$ 1800.

12. Construction work will begin on or before 10/29/74

13. Construction work will be completed on or before 12/31/74

Robert T. Horgan (Signature of applicant)

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

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

By ASSISTANT

Application No. R-52545
Reservoir Permit No. R 6380

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 29th day of October, 1974, at 8:00 o'clock A. M.

Returned to applicant:

Approved:

Recorded in Book No. _____ of Reservoirs, on Page R 6380

State Engineer

Drainage Basin No. 16 page 6A

Fees \$25.00