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CERTIFICATE NO. 35690

STATE ENGINEER * Reservoir Permit No. 4582

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

I, Carl PIERSON (Name of Applicant)

of Route 2, Cornelius (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 none

2. The name of the stream from which the reservoir is to be filled and the appropriation made is an unnamed stream tributary of Tualatin River

3. The amount of water to be stored is 16.3 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. 28 Tp. 1S, R. 3W, W. M., in the county of Washington (Give sections or townships to be submerged)

(a) State whether situated in channel of running stream and give character of material at outlet in stream channel. Wooded area. Clay soil overlain with 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 SW 1/4 of NE 1/4, Sec. 28, Tp. 1S, R. 3W, W. M. The maximum height will be 31 feet above stream bed or ground surface on center line of dam. The length on top will be 170 feet; length on bottom 80 feet; width on top 10 feet; slope of front or water side 3; slope on back 2; height of dam above water line when full 2 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, using clay from reservoir site

8. The location of wasteway with dimensions are as follows: Wasteway
(State whether over or around the dam)
around Southeast end of dam. Concrete flume spillway: width 6 feet,
depth 10 feet, length 45 feet.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: 12" tar-dipped corrugated pipe through dam near bottom in stream
(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.)
channel, with head wall and out-off walls. See Drawing

10. The area submerged by the proposed resevoir, when full, will be 1.587 acres,
with a maximum depth of water of 29 feet; and approximate mean depth of water
10.4 feet.

11. The estimated cost of the proposed work is \$ 7000.00

12. Construction work will begin on or before 2 October 1964

13. Construction work will be completed on or before 31 October 1964

Carl A. Pierson
(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-405002
Reservoir Permit No. 4582

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 December, 1964, at 8:00 o'clock A.....M.

Returned to applicant:

Approved:

August 23, 1965

Recorded in Book No. 4582 of Reservoirs, on Page

CHRIS L. WHEELER
STATE ENGINEER

Drainage Basin No. 2..... page 62A23

\$15⁰⁰