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STATE ENGINEER
SALEM, OREGON

* Reservoir Permit No. **R 5781**

CERTIFICATE NO. 41757

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

I, SHINGLER ROBERT E.
(Name of Applicant)

of ROUTE 3 BOX 115 DALLAS.
(Mailing Address)

State of OREGON 97338, 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

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

UNNAMED STREAM

tributary of ASH CREEK

3. The amount of water to be stored is 0.8 acre feet.

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

5. The location of the proposed reservoir will be in Sec. 16
(Give sections or townships to be submerged)

Tp. 8S, R. 5W, W.M., in the county of POLK

(a) State whether situated in channel of running stream and give character of material at outlet

IN CHANNEL OF UNNAMED STREAM

COMPACTED CLAY

(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 OF SE 1/4, Sec. 16
(Smallest legal subdivision)

Tp. 8S, R. 5W, W.M. The maximum height will be 9.8 feet above stream bed or ground

surface on center line of dam. The length on top will be 100 feet; length on

bottom 20 feet; width on top 10 feet; slope on front

or water side 3:1; slope on back 2:1; height of dam above water line
(Feet horizontal to 1 vertical) (Feet horizontal to 1 vertical)

when full 2.5 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 97310.

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

8. The location of wasteway with dimensions are as follows: AROUND RT. ABUTMENT
(State whether over or around the dam)
12' BOTTOM WIDTH 2:1 S.S.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: 16" TRICKLE TUBE 8" CONDUIT
(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)

10. The area submerged by the proposed reservoir, when full, will be 0.4 acres, with a maximum depth of water of 13 feet; and approximate mean depth of water 2 feet.

11. The estimated cost of the proposed work is \$ \$1250.00

12. Construction work will begin on or before 8-30-71

13. Construction work will be completed on or before OCT. 1, 1972

Robert E. Shingler
(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-47782

Reservoir Permit No. R 5781

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 10th day of December,

1970, at 1:05 o'clock P. M.

Returned to applicant:

Approved:

May 8, 1972

Recorded in Book No. _____ of

Reservoirs, on Page R 5781

CHRIS L. WHEELER
State Engineer

Drainage Basin No. 2 page 26 B12

Fees \$2000