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STATE ENGINEER
SALEM, OREGON

* Reservoir Permit No. R 6059

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

CERTIFICATE NO. 46521

I, Russell W. Elmer (Name of Applicant)

of P. O. Box 158 (Mailing address), Cove (City)

State of Oregon, 97824 (Zip Code), 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 Elmer Reservoir #4

2. The name of the stream from which the reservoir is to be filled and the appropriation made is Grande Ronde River (old channel)

tributary of Snake River

3. The amount of water to be stored is 298 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. 30 (Give sections or townships to be submerged)

Tp. 2S, R. 40E, W.M., in the county of Union

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

The existing dam is made of concrete and is located in the channel in clay loam material.

(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 NW 1/4 (Smallest legal subdivision), Sec. 30

Tp. 2S, R. 40E, W.M. The maximum height will be 8 feet above stream bed or ground

surface on center line of dam. The length on top will be 80 feet; length on

bottom 40 feet; width on top 12" concrete wall feet; slope on front

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

when full 0.5 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.

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 constructed with 12" concrete walls. The top of the dam is 5 feet below the adjacent channel bank. The dam is frequently submerged during the peak runoff period in the spring.

8. The location of wasteway with dimensions are as follows: Flood flows pass over the 80-foot top width of the dam. (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: Normal flows pass over the 19-foot flashboard opening. (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) During the irrigation storage period, excessive stream flow can pass over the entire structure. 24" SLIDE HEAD GATE. ^{and a vent at the}

10. The area submerged by the proposed reservoir, when full, will be 86 acres, with a maximum depth of water of 7 1/2 feet; and approximate mean depth of water 3 1/2 feet.

11. The estimated cost of the proposed work is \$ 2500.

12. Construction work will begin on or before Dec. 15, 1973

13. Construction work will be completed on or before March 15, 1974.

Russell Elmer
(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 correction and completion

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before February 19, 1974.

WITNESS my hand this 19th day of December, 1973.

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STATE ENGINEER
SALEM, OREGON

CHRIS L. WHEELER
STATE ENGINEER

By *Wayne J. Overcash*
Wayne J. Overcash ASSISTANT

Remarks: The enclosed plans show the modifications required of the existing structure in order to meet the requirements of the watermaster for measuring the flows over the dam, and also the requirements of the State Fish and Game Department for fish passage.

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 Elmer Reservoir #4 and storage of water from Grande Ronde River (old channel) to be appropriated under application No. 51500, Permit No. 37330 for 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 298.0 acre feet.

The priority date of this permit is November 26, 1973

Actual construction work shall begin on or before May 31, 1975 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1976.

WITNESS my hand this 31st day of May, 1974.

[Signature]
STATE ENGINEER
OK
9/7

Application No. **R-51499**

Reservoir Permit **R 6059**

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 **26th** day of **November**, 1973, at **8:00** o'clock **A.** M.

Returned to applicant:

Approved:

May 31, 1974

Recorded in Book No. of

Reservoirs, on Page **R 6059**

CHRIS I. WHEELER
State Engineer

Drainage Basin No. **8** page **125**

Fees **2.50**