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STATE ENGINEER
SALEM, OREGON

Reservoir Permit No. 2018

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

I, Edward J. Zach
(Name of Applicant)

of Rural Rte. 1, Box 75, Mt. Index, 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 Edw. Zach Reservoir

2. The name of the stream from which the reservoir is to be filled and the appropriation made is Unn. Tributary of Bockler Creek (BOCKSLER)
tributary of Pudding River

3. The amount of water to be stored is 7.3 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. 35
(Give sections or townships to be submerged)
Tp. 5S, R. 1W, W. M., in the county of Mason

(a) State whether situated in channel of running stream and give character of material at outlet
In channel of running stream - clay at 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 SW 1/4 NE 1/4, Sec. 35
(Smallest legal subdivision)
Tp. 5S, R. 1W, W. M. The maximum height will be 17 feet above stream bed or ground surface on center line of dam. The length on top will be 250 feet; length on bottom 50 feet; width on top 11 feet; slope of front or water side 3:1; slope on back 2:1; height of dam above water line when full 3.2 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 fill - No wave action anticipated*

8. The location of wasteway with dimensions are as follows: *Around right abutment.*
(State whether over or around the dam)
Q = 167 cfs; d = 2.7'; b = 42'; ss = 3:1 - Also 6" deep inlet tube.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: *4 inch steel pipe through dam with outlet culvert.*
(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 *1.2 ±* acres, with a maximum depth of water of *12* feet; and approximate mean depth of water *6* feet.

11. The estimated cost of the proposed work is \$ *2500.00*

12. Construction work will begin on or before *July 1, 1947*

13. Construction work will be completed on or before *July 1, 1948*

Edward J. ...
(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 31547*
Reservoir Permit No. *R 2018*

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 *8* day of *May* 19*57*, at *2:05* o'clock *P.* M.

Returned to applicant:

Approved:

July 25, 1957
Recorded in Book No. *7* of
Reservoirs, on Page *2018*

LEWIS A. STANLEY
STATE ENGINEER

Drainage Basin No. *2* page *38X*