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STATE ENGINEER
SALMON

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

I, William F. Unger
(Name of Applicant)

of Rt 2, Box 306, 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 Bill Unger Dam

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

3. The amount of water to be stored is 80 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. 21
(Give sections or townships to be submerged)
Tp. 1 S, R. 3 W, W.M., in the county of Washington

(a) State whether situated in channel of running stream and give character of material at outlet
This reservoir is in a drainage course of a running stream. A metal drop inlet spillway is provided for normal run-off, and a sod emergency spillway for more severe conditions.

(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 and NW 1/4 of SE 1/4, Sec. 21
(Smallest legal subdivision)
Tp. 1 S, R. 3 W, W.M. The maximum height will be 38.8 feet above stream bed or ground surface on center line of dam. The length on top will be 530 feet; length on bottom 45 feet; width on top 14 feet; slope on front or water side 3:1; slope on back 2:1; height of dam above water line when full 5.0 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 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: Earth dam - material from borrow pit within the reservoir area - sod protection against wave action.

8. The location of wasteway with dimensions are as follows: 42" diameter overflow spillway (State whether over or around the dam) with 24" conc. encased outlet conduit through dam; 8' bottom width sod protected emergency spillway around east end of dam, daylighting in side of drainage course below dam.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: 8" diameter conc. encased corrugated metal pipe (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 5.2 acres, with a maximum depth of water of 30.2 feet; and approximate mean depth of water 15.4 feet.

11. The estimated cost of the proposed work is \$ 19,750.00

12. Construction work will begin on or before 1 year from date of permit

13. Construction work will be completed on or before 2 years from date of permit

William F Unger (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-44039**

Reservoir Permit No. **R 4962**

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 **8th** day of **Sept.** 19**67**, at **9:26** o'clock **A.** M.

Returned to applicant:

Approved:

October 10, 1967

Recorded in Book No. _____ of _____

Reservoirs, on Page **R 4962**

CHRIS L. WHEELER
State Engineer

Drainage Basin No. **2** page **6205**

Fees **20⁰⁰**

October 1, 1967

SP-12007-119

STATE ENGINEER