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JUL - 1962

Reservoir Permit No. 3160

STATE ENGINEER for a Permit to Construct a Reservoir and to STORE for Beneficial Use the Unappropriated Waters of the State of Oregon SALEM, OREGON

I, Ray Schaefer (Name of Applicant)

of Rt. 2 Box 220, Woodburn (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

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

Unknown Stream

tributary of Rock Creek

3. The amount of water to be stored is 17.7 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. 1 (Give sections or townships to be submerged)

Tp. 6 S, R. 1 E, W.M., in the county of Clackamas

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

Located in channel and will be a earth filled structure

(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 NE 1 (Smallest legal subdivision), Sec. 1

Tp. 6 S, R. 1 E, W.M. The maximum height will be 25 feet above stream bed or ground

surface on center line of dam. The length on top will be 220 feet, length on

bottom 60 feet; width on top 12 feet; slope on front

or water side 3:1; slope on back 2:1; height of dam above water line

when full 2.0 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.

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: This structure will be of compacted earth fill. A toe drain consisting of a 6" perforated fiber pipe embedded in river run sand and gravel will be provided. Other features of this structure will be a 12" conduit encased in concrete, An 18" trickle tube, and an 8" gate assembly (Armo 101 or equal).

8. The location of wasteway with dimensions are as follows: The emergency spillway will be located in the left abutment, around 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: Outlet will consist of a 12" metal pipe encased in concrete. An 18" trickle tube will be installed to maintain normal pool at approx 19" depth. (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) An 8" gate will be installed, and pipe between trickle tube and gate will be 8".

10. The area submerged by the proposed reservoir, when full, will be 2.75 acres, with a maximum depth of water of 21' feet; and approximate mean depth of water 6.15 feet.

11. The estimated cost of the proposed work is \$ 5,000.00

12. Construction work will begin on or before July 1, 1963

13. Construction work will be completed on or before July 1, 1963

Ray Schaefer (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 completion

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before March 11, 1963

WITNESS my hand this 10 day of January 1963

RECEIVED JAN 1 C 1963 STATE ENGINEER SALEM, OREGON

CHRIS L. WHEELER STATE ENGINEER

By [Signature] ASSISTANT

Remarks: Plans for this structure will be provided by the Soil Conservation Service as soon as completed. The pump and pipeline needed to apply this water has not yet been purchased.

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 a reservoir and storage of water from an unnamed stream to be appropriated under application No. 37777, permit No. 28423, 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 17.70 acre feet.
The priority date of this permit is July 3, 1962
Actual construction work shall begin on or before February 20, 1964 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1965.

WITNESS my hand this 20th day of February, 1963

Chas. H. White
STATE ENGINEER

Application No. **R-37776**

Reservoir Permit No. **R-3160**

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 **3rd** day of **July**, 19**62**, at **10:30** o'clock **A** M.

Returned to applicant:

Approved:

February 20, 1963

Recorded in Book No. **11** of

Reservoirs, on Page **3160**

CHRIS L. WHEELER
State Engineer

Drainage Basin No. **2** page **3923**

Fees **15**