

* Reservoir Permit No. **R 5022**

CERTIFICATE NO. **43325**

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

I, Delane Fry (Name of Applicant)

of Route 4, Box 312, Hillsboro (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 unnamed

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

tributary of Willametta River

3. The amount of water to be stored is ~~50~~ ~~100~~ 97² ^{hr 9-27-67} 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. 17 (Give sections or townships to be submerged)

Tp. 1S, R. 2W, W.M., in the county of Washington

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

Concrete core structure to be built across 60' wide 25' deep river channel.

Dam to be maximum of 2 1/2' above compact silty clay river bed.

(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 NW 1/4 of NE 17 (Smallest legal subdivision), Sec. 17

Tp. 1S, R. 2W, W.M. The maximum height will be 5⁵ feet above stream bed or ground surface on center line of dam. The length on top will be 66 feet; length on bottom 60 feet; width on top 12 feet; slope on front or water side 3:1 (Feet horizontal to 1 vertical); slope on back 2:1 (Feet horizontal to 1 vertical); height of dam above water line 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: Dam to be constructed of reinforced concrete and earth fill.

Three foot high structure to be built in bottom of 25' deep Tualatin River channel. Rip Rap and concrete to prevent erosion by current.

8. The location of wasteway with dimensions are as follows: Low dam will normally serve to retain water for irrigation only during the month of August when the Tualatin River does not have running flow of water past this point. When flow exceeds usage, water will flow over dam but remain in normal channel.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: same as 8. See ltr 1-31-68 dated drawing. (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) Flush faced section 10' w 2 1/2' deep.

10. The area submerged by the proposed reservoir, when full, will be ~~reservoir to~~ ~~channel~~ ~~60~~ acres, with a maximum depth of water of ~~3~~ ~~3~~ ~~3~~ ^{4.2} feet; and approximate mean depth of water ~~1.2~~ ^{1.2} feet. ltr 9-27-67

11. The estimated cost of the proposed work is \$ 400.

12. Construction work will begin on or before September, 15, 1966

13. Construction work will be completed on or before October 15, 1966

W. Lane Troy
(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

By _____ ASSISTANT

Remarks:

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 Tualatin River to be appropriated under application No. 43512, permit No. 32670 for supplemental 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 97.9 acre feet.

The priority date of this permit is April 20, 1967

Actual construction work shall begin on or before February 1, 1969 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1969..

WITNESS my hand this 1st day of February, 1968..

[Handwritten Signature]

STATE ENGINEER

[Handwritten Initials]

Comp

Application No. R-43511
Reservoir Permit No. R 5022

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 20th day of April, 1967, at 2:47 o'clock P.M.

Returned to applicant:

Approved:

February 1, 1968

Recorded in Book No. _____ of _____
Reservoirs, on Page R 5022

CHRIS L. WHEELER
State Engineer

Drainage Basin No. 2 page 54 H
Fees \$20.00