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AUG 24 1971  
STATE ENGINEER  
SALEM OREGON

CERTIFICATE NO. 64446

\* Reservoir Permit No. R 6157

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

I, W. J. Kvarsten (Name of Applicant)

of Route 1, Box 761 Salem 97304 (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

Kvarsten Reservoir #1 & Reservoir #2

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

Unnamed Creek

tributary of Spring Valley Creek

(3) See remarks The amount of water to be stored is 1.0 acft. for Res #1, 3.3 acft. for Res #2 acre feet.

4. The use to be made of the impounded water is Fish Culture & Irrigation  
(Irrigation, power, domestic supply, etc.)

5. The location of the proposed reservoir will be in Sec. 2  
(Give sections or townships to be submerged)

Tp. 7S, R. 4W, W.M., in the county of Polk

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

Small creek & underground springs

Compacted clay outlet into reservoir below

(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 NE 1/4, Sec. 2  
(Smallest legal subdivision)

Tp. 7S, R. 4W, W.M. The maximum height will be #1-8.0 ft, #2-9.8 ft, feet above stream bed or ground

surface on center line of dam. The length on top will be #1-60', #2-230 feet; length on

bottom 40 feet; width on top #1-10', #2-10 feet; slope on front

or water side #1 & #2-3:1; slope on back #1 & #2-2:1; height of dam above water line  
(Feet horizontal to 1 vertical) (Feet horizontal to 1 vertical)

when full #1-2.5 #2-2.7 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: compacted clay

8. The location of wasteway with dimensions are as follows: (State whether over or around the dam)  
#1 - Around left abutment - Bottom width - 12', Top width - 16'  
#2 - " right " - " " - 12', " " - 16'

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: #1 - 10" conc. tile with headgate; #2 - 12" trickle tube with 6" conduit  
(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)

See Remarks  
10. The area submerged by the proposed reservoir, when full, will be #1 - 1/6 ac. - #2 - 1.0 acres, with a maximum depth of water of #1 - #2 - 8 feet; and approximate mean depth of water #1 - 6', #2 - 3.3 feet.

11. The estimated cost of the proposed work is \$2200

12. Construction work will begin on or before 7/1/70

13. Construction work will be completed on or before 9/15/70

[Signature]  
(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 April 14th, 1972.

WITNESS my hand this 14th day of February, 1972.

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APR 13 1972  
STATE ENGINEER  
SALEM OREGON

CHRIS L. WHEELER  
STATE ENGINEER  
By [Signature]  
Wayne J. Overcash  
ASSISTANT

Remarks: 8' depth due to excavation

Items 3 & 4 (cont) - Res. #1 will be used for fish culture only - Res. #2: 1/2 ac. ft. will be used for fish culture & 2.8 ac. ft. for irrigation & supplemental irrigation.

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 Kvarsten Reservoirs No. 1 and No. 2 and storage of water from an unnamed stream to be appropriated under application No. 47937, Permit No. 38076, for fish culture, irrigation and supplemental irrigation being 1.0 a.f. in Reservoir No. 1 for fish culture, and 3.3 a.f. in reservoir No. 2 for fish culture and irrigation.

The right hereunder shall be limited to the storage of 4.3 acre feet.

The priority date of this permit is January 19, 1971

Actual construction work shall begin on or before September 10, 1976 and

shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1977.

WITNESS my hand this 10th day of September, 1975

*James C. [Signature]*  
Water Resources Director FH  
C

Application No. *R. 6157*

Reservoir Permit No. **R 6157**

**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 *13<sup>th</sup>* day of *August*

19*22*, at *8:20* o'clock *A.* M.

Returned to applicant:

Approved:

Recorded in Book No. .... of

Reservoirs, on Page **R 6157**

State Engineer

Drainage Basin No. *2* page *26812*

Fees *4.00*