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"CERTIFICATE NO. 54918"

AUG - 91976

R 6529

WATER RESOURCES DEPT * Reservoir Permit No. SALEM, OREGON

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

I, Michael Thorniley (Name of Applicant)

of P. O. Box 446, Talent, (Mailing address) (City)

State of Oregon, 97540, 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 N/A

1. The name of the proposed reservoir is Thorniley Reservoir.

2. The name of the stream from which the reservoir is to be filled and the appropriation made is winter run-off collected in Talent Canal (see remarks #3) tributary of Bear Creek.

3. The amount of water to be stored is 6.4 (see remarks #2) acre feet.

4. The use to be made of the impounded water is supplemental irrigation (see remarks #1) (Irrigation, power, domestic supply, etc.)

5. The location of the proposed reservoir will be in Sec. 26 (Give sections or townships to be submerged) Tp. 38 S., R. 1 W., W.M., in the county of Jackson.

(a) State whether situated in channel of running stream and give character of material 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 Reservoir to be filled by feed canal with dimensions of bottom width 1.5'; top width 2.5'; depth 1'; feed canal diverts water to reservoir from Talent Irrigation District Canal.

6. The dam will be located in NE 1/4 SEC 26 (Smallest legal subdivision), Sec. 26, Tp. 38 S., R. 1 W., W.M. The maximum height will be 10 feet above stream bed or ground surface on center line of dam. The length on top will be 700 feet; length on bottom 700 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 2.5 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: earth and rock fill - none.

8. The location of wasteway with dimensions are as follows: bottom width 12' and top width 42'; 2.5' in depth around the NE corner of 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: none - dam not in natural channel.
(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 0.8 acres, with a maximum depth of water of 12 feet; and approximate mean depth of water 8 feet.

11. The estimated cost of the proposed work is \$ 1500.00.

12. Construction work will begin on or before one year from date of priority.

13. Construction work will be completed on or before October 1, 1978.

Michael Stanley
(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: #1. Supplemental irrigation to Permit #1382, Talent Irrigation District.

#2. Storage capacity will be increased by below ground level excavation.

#3. Water collected in Talent Canal from winter run-off in T. 38 S., R. 1 W., Sec. 26, SE1/4 SE1/4 and NE1/4 SE1/4; Sec. 25, SW1/4 SW1/4, SE1/4 SW1/4, SW1/4 SE1/4; SE1/4 SE1/4; Sec. 36, NW1/4 NW1/4, NE1/4 NW1/4, NW1/4 NE1/4, NE1/4 NE1/4.

STATE OF OREGON, } ss.
County of Marion, }

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 Thorniley Reservoir and storage of water from a winter runoff collected in the Talent Canal to be appropriated under application No. 54631, permit No. 40916, for irrigation.

The right hereunder shall be limited to the storage of 6.4 acre feet.

The priority date of this permit is August 9, 1976

Actual construction work shall begin on or before December 21, 1977 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1978.

WITNESS my hand this 21st day of December, 1976.

James E. Season
WATER RESOURCES DIRECTOR

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Application No. *R 54630*

Reservoir Permit No. **R 6529**

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 *9* day of *August*, 19 *76*, at *8* o'clock *A*. M.

Returned to applicant:

Approved:

Recorded in Book No. _____ of _____ Reservoirs, on Page **R 6529**

State Engineer

Drainage Basin No. *15* page *24E*

Fees *30.00*