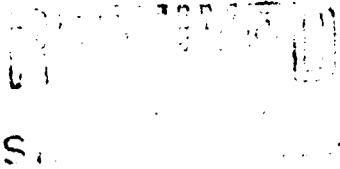


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STATE ENGINEER
SALEM, OREGON



SALEM, OREGON
Reservoir Permit No. 1869

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

I, Hollis Hartwick (Name of Applicant)

of Banks, Oregon (Mailing Address)

State of _____, 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 Hartwick Reservoir

2. The name of the stream from which the reservoir is to be filled and the appropriation made is unnamed stream and spring tributary of West Dairy Creek

3. The amount of water to be stored is _____ 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. _____ Tp. 2 N., R. 4 E., W. M., in the county of _____ (Give sections or townships to be submerged.)

(a) State whether situated in channel of running stream and give character of material at outlet
The proposed dam will be located on a running stream.

(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 _____ Sec. _____ Tp. 2 N., R. 4 E., W. M. The maximum height will be _____ feet above stream bed or ground surface on center line of dam. The length on top will be _____ feet; length on bottom 300 feet; width on top 12 feet; slope of 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 _____ feet.

* A different form of application should be used for the appropriation of stored water to beneficial use. Such forms can be obtained 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: The dam will be of earth fill construction with two spillways and a freeboard of two feet. Sod will be used as protection against wave action.

8. The location of wasteway with dimensions are as follows: Two spillways, each 20' wide and an outlet pipe of 18" diameter with a slide control gate will provide the wasteways. See the attached plans for the exact locations and dimensions.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions are as follows: The outlet pipe will be 18" asbestos bonded insulite 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.) 16" galv. steel corrugated pipe with a slide type gate control to be located through the dam on the approximate course of the existing stream. See the attached plans for details and outlet pipe dimensions.

10. The area submerged by the proposed reservoir, when full, will be 110 acres, with a maximum depth of water of 13 feet; and approximate mean depth of water 6.67 feet.

11. The estimated cost of the proposed work is \$ 12,000.00

12. Construction work will begin on or before May 1, 1935

13. Construction work will be completed on or before September 30, 1935

[Handwritten Signature]
(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

Remarks: It is contemplated that the water impounded in the proposed reservoir will be used to irrigate some 213 acres of adjacent farm land presently under cultivation.

[Dotted lines for additional 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 ~~works~~ for ~~conveying~~ and ~~confining~~ water from an unimproved stream to be appropriated under Application No. 30742, Permit No. 21224 for irrigation; ~~works~~ ~~structure~~ and the dam shall be constructed under the supervision of a registered professional engineer.

The right hereunder shall be limited to the storage of 20.7 acre feet.
The priority date of this permit is May 11, 1950
Actual construction work shall begin on or before July 25, 1950 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1950.

WITNESS my hand this 25th day of July, 1950.

Lewis A. Stanley
STATE ENGINEER

CS
P.D. 60

Application No. **R 30747**

Reservoir Permit No. **1869**

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 **11th** day of **May** 19**56**, at **3:10** o'clock **P**. M.

Returned to applicant:

Approved:

July 25, 1956

Recorded in Book No. **7** of
Reservoirs, on Page **1855**

LEWIS A. STANLEY
STATE ENGINEER

Drainage Basin No. page

Paid 1869