

* Reservoir Permit No. R-1044

26288

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

I, Lloyd H. Hill (Name of Applicant)

of Crane (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 Alder Creek Dam

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

3. The amount of water to be stored is 376.8 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. 19 (Give sections or townships to be submerged) Tp. 25 S., R. 35 E., W. M., in the county of Harney

(a) State whether situated in channel of running stream and give character of material at outlet In channel of running stream. Material at outlet large boulders on top of solid rock

(b) If not in channel of running stream, state how it is to be filled. If through a feed canal, give name and dimensions Main storage will be from melting snow and rain during spring runoff.

6. The dam will be located in NW 1/4 SW 1/4, Sec. 19, Tp. 25 S., R. 35 E., W. M. The maximum height will be 40 feet above stream bed or ground surface on center line of dam. The length on top will be 541 feet; length on bottom 558 feet; width on top 16 feet; slope of front or water side 3:1; slope on back 2 1/2:1; height of dam above water line when full 35 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: Earthfill type dam to be constructed with materials available adjacent to the site. Protection from wave action is not considered necessary.

8. The location of wasteway with dimensions are as follows: Wasteway to be around end of dam; Length 210 feet, bottom width 50 feet with 2:1 side slopes

(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: 24" asbestos bonded pipe to be installed thru dam. Gate and sloping stem and control to be installed along upstream slope of dam to gate lift on top of dam.

(State whether through or around the proposed dam)

10. The area submerged by the proposed reservoir, when full, will be 22.2 acres, with a maximum depth of water of 34 feet; and approximate mean depth of water 17 feet.

11. The estimated cost of the proposed work is \$9,000.00

12. Construction work will begin on or before when approved

13. Construction work will be completed on or before 90 days thereafter.

(Sgd) Lloyd H. Hill

(Name 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 correction or completion as follows:

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

Application No. R-24736

Reservoir Permit No. R-1044

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 22nd day of May, 1950, at 8:00 o'clock A.M.

Approved:

September 29, 1950

Recorded in Book No. 4 of Reservoirs, on Page R-1044

CHAS. E. STRICKLIN

STATE ENGINEER

STATE PRINTING DEPT.

Stream Index No. 10 - 22

Fees paid \$17.77