

RECEIVED
SEP 5 1972

STATE ENGINEER
SALEM, OREGON

* Reservoir Permit No. **R 5844**

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

CERTIFICATE NO. 46222

I, R. H. Emmerson
(Name of Applicant)

of P.O. Box 130
(Mailing Address)

State of Arcata, Calif. 95521, 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 (an existing dam to be raised 10 ft in height)

2. The name of the stream from which the reservoir is to be filled and the appropriation made is Alder Creek
tributary of Crano Creek & So. Fork Molokai River

3. The amount of water to be stored is 640 - 376.8 = 263.2 ~~640 - 370 = 270~~ 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; sands & gravels in 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 NW 1/4 SW 1/4, Sec. 19,
(Smallest legal subdivision)
Tp. 25 S, R. 35 E, 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 670 feet; length on bottom 300 feet; width on top 17 feet; slope on front or water side 3:1; slope on back 2:1; height of dam above water line when full 5 feet.
(Feet horizontal to 1 vertical) (Feet horizontal to 1 vertical)

* 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.

15 22 72

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: Earth fill, rock rip rap

8. The location of wasteway with dimensions are as follows: Around left end of dam, crest width ~~30~~ 40 ft. (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: In stream channel, 24" c.m.p.
(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 ~~35~~ 35.2 acres, with a maximum depth of water of ~~45~~ 45 feet; and approximate mean depth of water 18 feet.

11. The estimated cost of the proposed work is \$ 34,000

12. Construction work will begin on or before Oct 10 1972

13. Construction work will be completed on or before Jan 1 1973

(Signature of applicant)
James D. Hawley, Engineer

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: This application will be superseded by an application from R.H. Emmerson accompanying the final plans and specifications for a 10-ft raise in the existing Alder Creek dam. These plans are now being prepared for submission. Storage to be increased to 640 ac-ft, from exist. ~~570~~^{376.2} ac-ft.

This application prepared and signed by project engineer, James D. Hanley.

Appl ALTERED by A.M. PETSKA, AS PER LETTER OCT 9, 1972.

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 enlargement of Alder Creek Reservoir constructed under permit No. R-1044, and storage of water from Alder Creek to be appropriated under application No. 49676, permit No. 36092, for supplemental irrigation.

The right hereunder shall be limited to the storage of 263.2 acre feet.

The priority date of this permit is September 5, 1972

Actual construction work shall begin on or before October 20, 1973 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1974.

WITNESS my hand this 20th day of October, 1972.

James D. Hanley
STATE ENGINEER

9 A

Application No. R-49675

Reservoir Permit No. R 5844

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 5th day of September, 1972, at 8:00 o'clock A. M.

Returned to applicant:

Approved:

October 20, 1972

Recorded in Book No. of

R 5844

Reservoirs, on Page

CHRIS L. WHEELER
State Engineer

Drainage Basin No. 10 page 338

Fees 2164
over 64