

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

WE, Dayton O. and Gerda V. Hyde

(Name of Applicant)

of 1410 Pacific Terrace,

Klamath Falls,

(Mailing Address)

State of Oregon 97601

, 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 Hyde Lake

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

tributary of Sprague River

3. The amount of water to be stored is 1945 acre feet.

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

5. The location of the proposed reservoir will be in Sec. 15 and 22

(Give sections or townships to be submerged)

Tp. 34 S., R. 9 E., W.M., in the county of Klamath

(a) State whether situated in channel of running stream and give character of material at outlet
In channel of seasonal unnamed stream. Foundation material at outlet = basalt rock with 2-3 feet overburden of silty sand.

(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 SW $\frac{1}{4}$ -SW $\frac{1}{4}$, Sec. 15

(Smallest legal subdivision)

Tp. 34 S., R. 9 E., W.M. The maximum height will be 33 feet above stream bed or ground surface on center line of dam. The length on top will be 710 feet; length on

bottom 50 feet; width on top 17 feet; slope on front

or water side 3:1; slope on back 2 $\frac{1}{2}$:1; height of dam above water line

(Feet horizontal to 1 vertical)

(Feet horizontal to 1 vertical)

when full 4-0 5.0 feet. 1-4 1-25-72

* 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.

R 5753

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: Dam is to be homogeneous earth fill type constructed of silty-sand borrow from the reservoir area -- SCS Classification = SM. See OSHD Lab. Report #861572 dated July 2, 1968. Wave protection will be by means of rock rip-rap. Dam will have filter underdrain.

8. The location of wasteway with dimensions are as follows: Spillway will be around east end of dam. Width at spillway lip will be 40.0 feet.
(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: Outlet conduit will be 24" diameter steel pipe encased in reinforced concrete.
(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 227 acres, with a maximum depth of water of 28 feet; and approximate mean depth of water 12 1/2 feet.

11. The estimated cost of the proposed work is \$ 60,000

12. Construction work will begin on or before March 1, 1972

13. Construction work will be completed on or before October 1, 1975

[Handwritten 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

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 is supplemental to Application

No. R-43768 and is a revision of Application No. R-47979.

[Faded and mostly illegible text, likely describing the project details and conditions of the permit.]

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 Hyde Lake Reservoir constructed under permit No. R-5557, and storage of water from an unnamed stream to be appropriated under application No. 48553, permit No. 35693, for recreation and fish culture, and the dam shall be constructed under the supervision of a registered professional engineer.

The right hereunder shall be limited to the storage of 1945.0 acre feet.

The priority date of this permit is February 24, 1971

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

WITNESS my hand this 1st day of February, 1972.

Extended to Oct. 1977

[Signature] STATE ENGINEER

R-47999

Application No. ~~R 5753~~

Reservoir Permit No. **R 5753**

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 24th day of August

19 71, at 8:00 o'clock A.M.

Returned to applicant:

Approved:

February 1, 1972

Recorded in Book No. _____ of _____

Reservoirs, on Page R-5753.

CHRIS L. WHEELER
State Engineer

Drainage Basin No. 14 page 2DC

Fees 33.73