

* Reservoir Permit No. R 5557

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

I, Dayton O. & Gerda V. Hyde
(Name of Applicant)

of 1410 Pacific Terrace, Klamath Falls,
(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 Hyde Lake

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

tributary of Sprague River

3. The amount of water to be stored is ~~700~~ 925 acre feet. Lt. 6-7-70 20

4. The use to be made of the impounded water is Recreation, Fire Protection, Irrigation, SOAF, 5A
(Irrigation, power, domestic supply, etc.) Domestic use.

5. The location of the proposed reservoir will be in Sec. SW 1/4 Sec. 15
(Give sections or townships to be submerged)

Tp. 34S, R. 9E, 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 unnamed stream on basalt rock with overburden of pumice (2-3 ft.)

(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 1/4 SW 1/4, Sec. 15
(Smallest legal subdivision)

Tp. 34S, R. 9E, W.M. The maximum height will be 25 feet above stream bed or ground

surface on center line of dam. The length on top will be ~~300~~ 115 feet; length on

bottom 50 feet; width on top ~~10~~ 14 feet; slope on front

or water side 3:1; slope on back 2:1; height of dam above water line
(Feet horizontal to 1 vertical) (Feet horizontal to 1 vertical)

when full 5 5.2 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.

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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 is to be constructed of a clay type soil found in the reservoir area, tests on which are not returned from lab. at this time. wave protection is to be by rock riprap.

8. The location of wasteway with dimensions are as follows: (State whether over or around the dam) The emergency spillway will be constructed around the East end of the dam on basalt rock with dimensions to be determined in final design.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: Outlet Conduit will be placed at low point in dam with dimensions to be determined in final design. (18" Steel R/c encaased) (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 120.155 acres, with a maximum depth of water of 20.19 feet; and approximate mean depth of water 5.859 feet.

11. The estimated cost of the proposed work is \$ 5000.00

12. Construction work will begin on or before October 1, 1968

13. Construction work will be completed on or before October 1, 1969

(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 Correction and Completion completion

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before February 15th, 1969 November 10th 69

WITNESS my hand this 15th day of December, 1969 10th September 69

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CHRIS L. WHEELER STATE ENGINEER

By Larry W. Jabousek ASSISTANT

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 Hyde Lake Reservoir and the storage of water from an unnamed stream to be appropriated under application No. 43769, permit No. 34798, for recreation, fire protection, irrigation, and domestic use, being 839.0 af for recreation, 80.0 af for irrigation, 5.0 af for domestic use, and 1.0 af for fire protection, and the dam shall be constructed under the supervision of a registered professional engineer.

The right hereunder shall be limited to the storage of 925.0 acre feet.

December 11, 1967 for 700.0 af and

The priority date of this permit is June 8, 1970 for 225.0 af

Actual construction work shall begin on or before August 7, 1971 and

shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1972..

WITNESS my hand this 7th day of August, 1970.

Extended to Oct. 1, 1973
Extended to Oct. 1977

Charles J. White

STATE ENGINEER

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Application No. **R-43768**
Reservoir Permit No. **R 5557**

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 **December**, 19**67**, at **8:00** o'clock **A**.M.

Returned to applicant:

Approved:

August 7, 1970

Recorded in Book No. of

Reservoirs, on Page **R 5557**

CHRIS L. WHEELER
State Engineer

Drainage Basin No. **19** page **20B**

Fees **25.25**

Revised 1.75