

*Reservoir Permit No. R 7829

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

I, State of Oregon, by and through Oregon State Game Commission and Fish Commission of the State of Oregon
(Name of Applicant)
of P. O. Box 4136, Portland 8, Oregon
(Mailing Address)

State of Oregon 97208, 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 Applegate Reservoir

2. The name of the stream from which the reservoir is to be filled and the appropriation made is Applegate River
tributary of Rogue River, it being tributary of Pacific Ocean.

3. The amount of water to be stored is 40,000 hr. 7-8-69 ~~20,000~~ (for this purpose) acre feet.

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

5. The location of the proposed reservoir will be in Sec. 35 & 36, T. 40S, R. 4W; and Sec. 6, T. 41S, R. 3W; and Sec. 1, 2, 3, 4, 10, 11, & 15, T. 41S, R. 4W.
(Give sections or townships to be submerged)
Tp. 5, R. 5, W.M., in the county of Jackson, Oregon & Siskiyou, California

(a) State whether situated in channel of running stream and give character of material at outlet
In channel of running stream. Firm bedrock material at outlet.

(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, Sec. 36
(Smallest legal subdivision)
Tp. 40 S., R. 4 W., W.M. The maximum height will be 230 feet above stream bed or ground surface on center line of dam. The length on top will be 1,325 feet; length on bottom approximately 35 feet; width on top 24 feet; slope on front or water side 2.5:1; slope on back 2:1; height of dam above water line
(Feet horizontal to 1 vertical) (Feet horizontal to 1 vertical)
when full 5 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.

"CERTIFICATE NO. 64426"

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: Earth and gravel material, 2 ft. dumped stone riprap from below minimum pool to top of dam for wave protection.

8. The location of wasteway with dimensions are as follows: Located on right abutment - concrete - Two 49' x 35' Tainter gates - unlined channel in rock from spillway apron to river channel.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: Intake tower and free flow tunnel located in right abutment - 17' horseshoe-shaped concrete-lined tunnel - Flow through tunnel controlled by two 5' x 7' slide gates.

10. The area submerged by the proposed reservoir, when full, will be 945 acres (at elevation 1996 ft) with a maximum depth of water of 216 feet; and approximate mean depth of water approximately 110 feet.

11. The estimated cost of the proposed work is \$ 6,538,000.

12. Construction work will begin on or before Unknown not yet authorized by Congress.

13. Construction work will be completed on or before Unknown

Signature of applicant: P.W. Schneider, Robert H. Schering

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 Your reviewing

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before May 29, 1979.

WITNESS my hand this 27th day of March, 1979.

RECEIVED WATER RESOURCES DIV. SALEM, OREGON MAR 29 9 1979

JAMES E. SEXSON Water Resources Director By Ralph H. Jackson ASSISTANT

R 7829

Remarks: Release of this storage to be on a variable basis for the improvement of downstream fishery environmental conditions as outlined in application for appropriation.

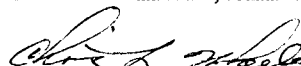
under development This project is to be developed by the United States Army Corps of Engineers through its Rogue River Basin program. The project was authorized by Congress in 1962 and revised in 1965. Under the revised plan, the project provides fishery benefits for annual fisheries benefits of \$225,000; these benefits to be derived from from controlled release of up to 360 cubic feet per second of water to increase Applegate Reservoir being assigned to fisheries interest and from the controlled stream flows and reduce water temperatures downstream. In event of shortages, release of up to 120 cubic feet per second of water to provide high minimum flows releases from available storage in the reservoir will be governed by with lower water temperatures. The development is contingent upon appropriate regulations set forth in authorizing legislation. Additionally, storage action by Congress to provide for funds for construction and to authorize the provided for other project purposes can be utilized to support downstream portion assigned to fishery enhancement as a non-reimbursable item. In the event fish releases when appropriate. of shortages, the releases from the available storage in the reservoir will be governed by the regulations as set forth in the authorized legislation.

5-24-79

STATE OF OREGON, } ss.
County of Marion, }

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 Applegate Reservoir and storage of water from Applegate River to be appropriated under application No. 37617, permit No. 44165, for enhancement of fish life by improvement of downstream environmental conditions.

The right hereunder shall be limited to the storage of 40,000 acre feet.
The priority date of this permit is May 7, 1962 for 30,000 a.f./July 8, 1969 for 10,000 af
Actual construction work shall begin on or before June 20, 1980 and
shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1981.
WITNESS my hand this 20th day of June, 1979


Deputy Water Resources Director

RAY B

Application No. *R-3466*
Reservoir Permit No. **R 7829**

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 *1st* day of *July*, 19*62*, at *1:00* o'clock *A*.M.

Returned to applicant:

Approved:

Recorded in Book No. _____ of _____ Reservoirs, on Page _____

State Engineer

Drainage Basin No. *15* page *80*
Fees _____