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JUL 3 1978

* Reservoir Permit No. R 7810

WATER RESOURCES DEPT.
SALEM, OREGON

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

✓ THE UNITED STATES OF AMERICA, Acting through the Regional Director.....
(Name of Applicant)
Pacific Northwest Region, Bureau of Reclamation
of Federal Building & U.S. Courthouse, 550 W. Fort Street, Boise.....
(Mailing address) (City)

State of Idaho..... 83724....., do hereby make application for a permit to construct the
(Zip Code)
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 Lake.....

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.....
3. The amount of water to be stored is Irrigation storage--26,000 A.F.; total below full pool--82,000 A.F.; total multiple use--75,000 A.F.
multiple use: irrigation, water quality control
4. The use to be made of the impounded water is fishery enhancement, recreation, flood control.
(Irrigation, power, domestic supply, etc.)

5. The location of the proposed reservoir will be in Sec. 25, 26, 35, 36, of T. 40 S., R. 4 W.;
30, 31 of T. 40 S., R. 3 W., 1, 2, 3, 4, 10, 11, 14, 15, of T. 41 S., R. 3 W., 6 of T. 41 S.
R. 3 W.; & 17, 18 of, W.M., in the county of Jackson, Oregon and Siskiyou, California.
T. 48 N., R. 11 W.

(a) State whether situated in channel of running stream and give character of material at outlet
situated in channel of Applegate River, a running stream. Erosive streambed materials
are protected from high outlet velocities by use of a two-section stilling basin.

(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 SE¼ SE¼, Sec. 25, 30.....
40 S. R. 4 W. (Smallest legal subdivision)
Tp. 40 S., R. 3 W., W.M. The maximum height will be 242 feet above stream bed or ground
surface on center line of dam. The length on top will be 1,200 feet; length on
bottom..... feet; width on top 24 feet; slope on front
or water side 2:1; slope on back 2:1; height of dam above water line
(Feet horizontal to 1 vertical) (Feet horizontal to 1 vertical)
when full 7 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.

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: The embankment will be constructed of rock, and random filled with an impervious zone.

8. The location of wasteway with dimensions are as follows: The spillway structure, located on the left abutment, consists of an overflow section with two tainter gates, a concrete lined chute, a flip bucket and plunge pool. Design capacity is 93,800 c.f.s.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: Multiple use 233-foot-high intake tower, inflow passages at five locations. Outlet capacity at full pool will be 6,100 c.f.s.

10. The area submerged by the proposed reservoir, when full, will be 988 acres, with a maximum depth of water of 232 feet; and approximate mean depth of water 110 feet.

11. The estimated cost of the proposed work is \$ 82,500,000

12. Construction work will begin on or before 1976 - Funded for construction

13. Construction work will be completed on or before 1982 (Estimated)

Signature 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

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.....

By STATE ENGINEER
ASSISTANT

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R 7810

Remarks: The reservoir will be owned and operated by the U.S. Army Corps of Engineers. The total capacity below full pool will be 82,000 acre-feet. The multiple use pool will be 75,000 acre-feet.

It is the intent of this application to obtain a permit to store for beneficial use 26,000 acre-feet for irrigation use, to be administered by the U.S. Bureau of Reclamation.

Secondary applications for appropriation of stored water to beneficial use will be submitted by, or on behalf of, the ultimate water users.

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 Applegate Reservoir and storage of water from the Applegate River for irrigation.

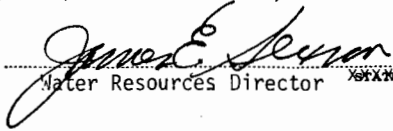
The right hereunder shall be limited to the storage of 26,000 acre feet.

The priority date of this permit is July 3, 1978

Actual construction work shall begin on or before April 24, 1980 and

shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1981.
Extended to Oct. 1, 1983

WITNESS my hand this 24th day of April, 1979.


Water Resources Director

Application No. R 51600
Reservoir Permit No. R 7810

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 3rd day of July, 1978 at 8:00 o'clock A. M.

Returned to applicant:

Approved:

Recorded in Book No. of
Reservoirs, on Page

State Engineer

Drainage Basin No. page

Fees