

Application No. R 42018

Permit No. R 8141

Amended STATE OF OREGON WATER RESOURCES DEPARTMENT RECEIVED

Application for a Permit to Construct a Reservoir JUL 21 1980

The U.S.A., acting through the Pacific NW Region, Water and Power Resources Service (jointly with) (Name of Applicant)

The Oregon Dept. of Fish and Wildlife DEPT. SALEM, OREGON

of Federal Building and Courthouse 550 W. Fort Street (Mailing Address) Boise, Idaho 83724

506 SW Mill St. Portland, Oregon 97201

State of store in (Zip Code) Phone No.

do hereby make application for a permit to construct the Lost Creek reservoir and to store the unappropriated waters of the State of Oregon, subject to existing rights.

1. The name of the stream from which the reservoir is to be filled is Rogue River tributary to Pacific Ocean

2. If not in channel of a stream, state how it is to be filled

3. The dam will be located in the SW1/4NW1/4 and W1/2SW1/4 1/4 of Section 26 Township 33 S Range 1 E, W. M.

4. The maximum height will be 345 feet above stream bed or ground surface at the centerline. The top width will be 24 feet, slope of upstream face 1.75:1 slope of downstream face 1.85:1, and height of dam above water line when full 10 feet.

5. The dam will be (check one) X earthfill, concrete, flashboard, other. If "other", give description: Rock and random fill with an impervious zone. Upstream wave protection is provided by machine placed riprap.

6. Give the location, description, and dimensions of the outlet conduit: Multiple use 271 ft. high intake tower with 33 ft. diameter wet well and 25 ft. diameter dry well, located on right abutment. Outflow through 12-8x5 ft. intake ports with gates, a 12 ft. 6 in. turbidity conduit and a power intake located in wet well.

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will

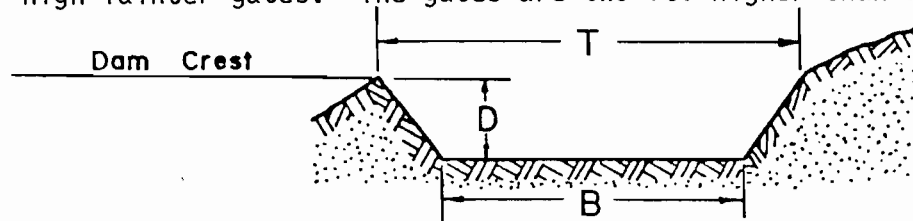
7. The impounded water be used for in-reservoir recreation and fishery, municipal, and irrigation. Water to be utilized for in-reservoir purposes until required for carry-over draft in low runoff water years to meet authorized needs.

8. The amount of water to be stored is 145,000 A.F. for this purpose. ~~are feet~~

9. The area submerged by the reservoir, when full, will be 3,430 acres.

and the maximum depth of water will be 322 feet.

10. Give the location and dimensions of the spillway. The spillway structure, located on the left abutment, is a concrete gravity section with three bays equipped with 45 ft. wide x 51 ft. high Tainter gates. The gates are two ft. higher than full pool*



The bottom width of the spillway, B, will be _____ feet.

The top width of the spillway, T, will be _____ feet.

The distance between the crest of the dam and the crest of the spillway, D, will be _____ feet.
(Must be at least 2 1/2 feet)

If any other type of spillway describe and give dimensions:

*elevation to contain wave splash. Design capacity is 158,000 c.f.s. A 3,000 ft.

straight aligned spillway chute is provided to direct the flow

11. Construction work will begin or before _____

12. Construction work will be completed and the reservoir filled by Completed _____

Remarks: The reservoir is owned and operated by the U.S. Army Corps of Engineers.

The total capacity below full pool is 465,000 A.F. The multiple use pool is 315,000 A.F.

Several components of the downstream conservation functions have yet to be developed, including the proposed Medford Division, Rogue River Valley Project, before the storage water may be put to full beneficial use. Potential development of this project includes irrigation, municipal, water quality, fishery, and recreation functions which are proposed to be developed as a Federal U.S. Water and Power Resources

Service Project. Also, some stored waters will be released from the Reservoir for diversion directly from the Rogue River under marketing contracts with Water and Power.

Secondary applications for appropriation of stored water to beneficial use will be submitted by, or on behalf of, the ultimate water users pursuant to ORS 537.300.

It is the intent that these projects will be operated in accordance with the authorizing act (Public Law 87-874) as generally described in House Document 566. In years of short water supply, all water users will share the available stored water supply in the same proportions that they would share the total full supply when it is available.

R. W. Lloyd Regional Director
Signature of Applicant

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 Water Resources Director with corrections on or before....., 19.....

WITNESS my hand this day of, 19.....

Water Resources Director

By

This instrument was first received in the office of the Water Resources Director at Salem, Oregon, on the 27th day of MARCH, 1966 at 8:00'clock AM

Application No. R-42019

Permit No. R 8141

Application No. R-42018

Permit No. R 8141

**Permit to Construct a Reservoir
and Store for Beneficial Use the Public Waters
of the State of Oregon**

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 storage in Lost Creek Reservoir from the Rogue River for in-reservoir recreation and fishery, municipal and irrigation. Water is not divided but is to be utilized for in-reservoir purposes until required for carry-over draft in low runoff water years to meet authorized needs. Releases and use will be in accord with the reservations set forth in Application No. 37619, permit No. 44909 and application No. R-56223, permit No. R-8142. In years of short water supply, all water users will share the available stored water supply in the same proportions that they would share the total full supply when it is available as provided by PL87-874.

The right hereunder shall be limited to the storage of 145,000 (for these purposes) acre feet.

*The priority date of this permit is March 22, 1966 for 100,000 acre feet and
July 18, 1977 for 45,000 acre feet*

Actual construction work shall begin on or before July 14, 1981 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1982

WITNESS my hand this 14th day of July, 1980


Water Resources Director