

"CERTIFICATE NO. 54598"

Application No. R-57860

Permit No. R 7734

STATE OF OREGON WATER RESOURCES DEPARTMENT

Application for a Permit to Construct a Reservoir

RECEIVED
AUG 28 1978
WATER RESOURCES DEPT.
SALEM, OREGON

I, Oregon Department of Fish and Wildlife
(Name of Applicant)

of 506 S.W. Mill Street Portland
(Mailing Address) (City)

State of Oregon, 97208, Phone No. 229-5551
(Zip Code)

do hereby make application for a permit to construct the Diamond Lake 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 Lake Creek
tributary to North Umpqua River

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

3. The dam will be located in the SW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Section 30,
Township 27S., Range 6E., W. M.

4. The maximum height will be 2.0 feet above stream bed or ground surface at the
centerline. The top width will be 29.6 feet, slope of upstream face vertical,
slope of downstream face vertical, and height of dam above water line when full
0 feet.

5. The dam will be (check one) earthfill, concrete, flashboard, other.
If "other", give description:

6. Give the location, description, and dimensions of the outlet conduit: None

(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)

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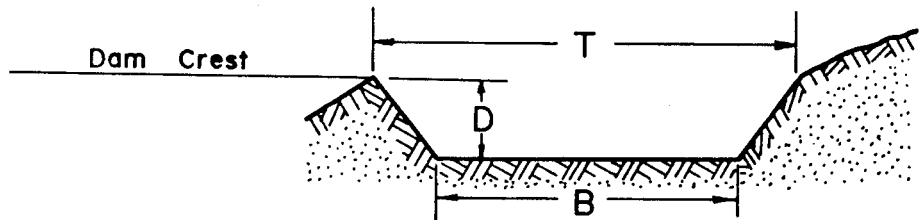
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7. The impounded water will be used for fish propagation

8. The amount of water to be stored is 5800 acre feet.

9. The area submerged by the reservoir, when full, will be 2900 acres,
and the maximum depth of water will be 2.0 feet.

10. Give the location and dimensions of the spillway None
(State whether over or around dam)



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 2½ feet)

If any other type of spillway describe and give dimensions:

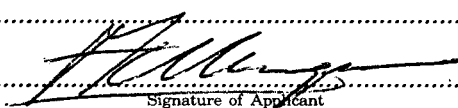
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11. Construction work will begin on or before Completed 1949

12. Construction work will be completed and the reservoir filled by Filled annually since 1949

Remarks:

Concrete structure with three flashboard openings. Bottom of flashboard slots approximates natural lake outlet. Two structures installed to facilitate entrapment of fish. Water level of lake manned to allow for maximum fish propagation naturally. Late season stored water may be released to provide water for Rock Creek Hatchery or North Umpqua River in event hatchery supply curtailed for minimum flow.


Signature of Applicant

Folkert Menger

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 28th day of August, 1978, at 8:00 o'clock A.M.
Application No. R-57800 Permit No. R 7734

Application No. R-57860

Permit No. R 7734

**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 the construction of Diamond Lake Reservoir and storage of water from Lake Creek to be appropriated under application No. 57861, permit No. 43627, for fish propagation.

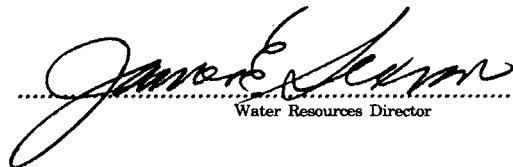
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The right hereunder shall be limited to the storage of 5800 acre feet.

The priority date of this permit is August 28, 1978

Actual construction work shall begin on or before November 30, 1979 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1980

WITNESS my hand this 30th day of November, 1978


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Water Resources Director