

Application No. R-54991

Permit No.

STATE OF OREGON WATER RESOURCES DEPARTMENT RECEIVED

Application for a Permit to Construct a Reservoir

JUL 19 1977

WATER RESOURCES DEPT SALEM, OREGON

I, Weyerhaeuser Company (% Robert E. Moriarty) (Name of Applicant)

of Tacoma (Mailing Address) (City)

State of Washington 98401, Phone No. (206) 924-3151 (Zip Code)

do hereby make application for a permit to construct the Weyerhaeuser Company Freshwater Hatchery 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 Mc Kenzie River tributary to Willamette River

2. If not in channel of a stream, state how it is to be filled. Water will be pumped to the Freshwater Hatchery through a 36" diameter pipe

3. The hatchery will be located in the SW 1/4 of Section 20 Township 17S, Range 2W, W. M.

4. The maximum height will be (see remarks) feet above stream bed or ground surface at the centerline. The top width will be (see remarks) feet, slope of upstream face (see remarks), slope of downstream face (see remarks), and height of dam above water line when full (see remarks) feet.

5. The dam will be (check one) earthfill, concrete, flashboard, other.

If "other", give description: (see remarks)

6. Give the location, description, and dimensions of the outlet conduit:

A 42" dia. buried gravity line will return hatchery effluent to the Mc Kenzie River. (refer to plans)

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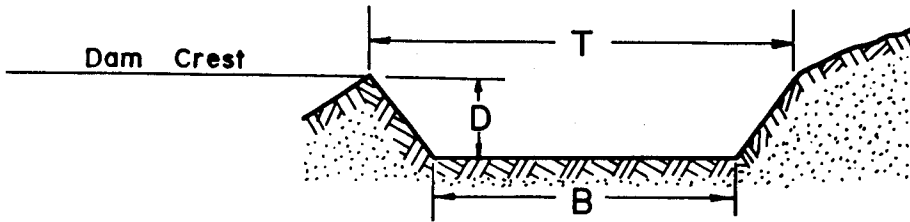
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7. The impounded water will be used for raising fish (non-consumptive use)

8. The amount of water to be stored is 23.23 acre feet.

9. The area submerged by the reservoir, when full, will be 4.35 acres, and the maximum depth of water will be 12.62 feet.

10. Give the location and dimensions of the spillway N.A. (State whether over or around dam)



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

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

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

If any other type of spillway describe and give dimensions:

Buired gravity lines will carry overflow to the 42" dia. effluent line returning to the Mc Kenzie River. Refer to plans.

11. Construction work will begin on or before June 1977

12. Construction work will be completed and the reservoir filled by December 1977

Remarks:	FACILITY	VOLUME (Ac.Ft.)	SURFACE AREA (Ac.)	MAXIMUM ¹ HEIGHT (Ft.)	MAXIMUM WATER DEPTH (Ft.)	FREEBOARD (Ft.)	TYPE OF CONSTRUCTION ²
	Sedimentation Basins (2 basins)	10.84	1.62	15.5	12.62	2.0	a.
	Ambient Water Retention Basin	0.83	0.14	3.0	6.00	2.0	b.
	Wastewater Basins (2 basins)	2.30	0.28	3.0	8.00	2.0	a.
	Rearing Ponds (36 ponds)	9.26	2.31	2.5	4.00	0.5	b.
	TOTAL	23.23	4.35				

1. Above surrounding ground.

2. Type of construction:

a. Excavated and earthfill, hydraulic asphalt lining, underdrained, 3:1 maximum interior slopes, 2:1 maximum exterior slopes, 12 ft. minimum crest width.

b. Concrete walls, hydraulic asphalt bottom lining, underdrained.

Robert E. Miniaty

Signature of Applicant

Weyerhaeuser Company

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 *W. E. Turner*

This instrument was first received in the office of the Water Resources Director at Salem, Oregon, on the day of, 19....., at o'clockM.

Application No. **R-54991**

Permit No. **R 6620**

Application No. R-54991

Permit No. R 6620

**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
..... *Weyerhaeuser Company hatchery ponds and basins, to be appropriated*
under application No. 54752, permit No. 41865 for fish culture, and
the reservoirs shall be constructed under the supervision of a registered
professional engineer.

The right hereunder shall be limited to the storage of 23.23 *af. acre feet.*

The priority date of this permit is December 1, 1976

Actual construction work shall begin on or before October 12, 1978 *and*
shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1,
19...79.....

WITNESS my hand this ...12th..... *day of* ...October....., 19...77.....

James E. Lyman
.....
Water Resources Director *aj*