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STATE ENGINEER
SALMON

Reservoir Permit No. 2190

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

I, L. & M. Lumber Company
(Name of Applicant)

of P. O. Box 505, Sutherlin
(Mailing Address)

State of OREGON, 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
March 30, 1948 - Roseburg, Oregon

1. The name of the proposed reservoir is Enlargement of Existing Sutherlin Log Pond

2. The name of the stream from which the reservoir is to be filled and the appropriation made is
Sutherlin Creek
tributary of Umpqua River

3. The amount of water to be stored is 170 acre feet.

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

5. The location of the proposed reservoir will be in Sec. 20
(Give sections or townships to be submerged)
Tp. 25S, R. 5W, W. M., in the county of Douglas

(a) State whether situated in channel of running stream and give character of material at outlet
Not in channel of running stream.
Earth fill of existing dike structure.

(b) If not in channel of running stream, state how it is to be filled. If through a feed canal, give name and dimensions
By 4" pump into existing pond structure.

6. The dam will be located in SW 1/4, Sec. 20
(Smallest legal subdivision)
Tp. 25S, R. 5W, W. M. The maximum height will be 13.5 feet above stream bed or ground surface on center line of dam. The length on top will be 2,381 feet; length on bottom 2,351 feet; width on top 12 feet; slope of front or water side 3:1; slope on back 2:1; height of dam above water line when full 2 feet.
(Feet horizontal to 1 vertical) (Feet horizontal to 1 vertical)

* 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.

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: By borrowing earth fill (a heavy clay loam) from the reservoir area and compacting into the dike. As the pond will be filled with logs, very little wave action is anticipated and the 3:1 inslope of the heavy soil is considered sufficient protection.

8. The location of wasteway with dimensions are as follows: No wasteway (State whether over or around the dam)

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: 150 feet North of Southeast corner of existing dike structure. (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.) Two 12" x 20' corrugated metal pipes placed in earth fill at high water line of existing ponds.

10. The area submerged by the proposed reservoir, when full, will be 14 acres, with a maximum depth of water of 13.5 feet; and approximate mean depth of water 13.5 feet.

11. The estimated cost of the proposed work is \$15,000.00

12. Construction work will begin on or before October 1, 1958

13. Construction work will be completed on or before October 15, 1958

Signature of applicant

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

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

STATE ENGINEER By ASSISTANT

Remarks: The application pertains to the enlargement of an existing log storage pond, the pond maintenance water of which is covered under Water Right Certificate No. 15598. The structure is to be built from earth fill material borrowed within the reservoir area. The area of new construction, for all practical purposes, is a nearly flat field westerly of the southern portion of the existing pond, now covered with weeds and grass. The soil is a heavy, black, clay loam with poor drainage. No present drainage channels will be disturbed. When completed, two channels will be opened in the existing dike, to connect the proposed and existing ponds. The outlet structure (two 12" pipes) on the existing pond is deemed sufficient as only a 4" inlet pipe feeds the reservoir.

Richard C. Grant

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

This is to certify that I have examined the foregoing application and do hereby grant the same, enlargement subject to the following limitations and conditions: The right herein granted is limited to the ~~storage~~ ~~use~~ of Sutherlin Log Pond and the storage of water from Sutherlin Creek to be appropriated under Application No. 32675, Permit No. 25799, for log pond, and the dam shall be constructed under the supervision of a registered professional engineer.

The right hereunder shall be limited to the storage of 170.0 acre feet.

The priority date of this permit is September 25, 1958

Actual construction work shall begin on or before December 30, 1959 and

shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1960.

WITNESS my hand this 30th day of December 1958.

Lewis A. Stanley
 STATE ENGINEER

PC
Application No. R-32674
Reservoir Permit No. R-2190

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 25th day of September, 1952, at 2:00 o'clock A. M.

Returned to applicant:

Approved:

December 30, 1958
Recorded in Book No. 8 of
Reservoirs, on Page 2190

LEWIS A. STANLEY
STATE ENGINEER

Drainage Basin No. 16 page 288

Fees 15.70