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STATE ENGINEER
SALEM, OREGON

Reservoir Permit No. 2228 # 1

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

I, Ralph Sigmund (Name of Applicant)

of Rt. 1, Stayton, Oregon (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

1. The name of the proposed reservoir is Sigmund Parcel # 1

2. The name of the stream from which the reservoir is to be filled and the appropriation made is Barlamus Creek

tributary of North Santiam River

3. The amount of water to be stored is Twenty five (25) acre feet.

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

5. The location of the proposed reservoir will be in Sec. 9, T. 9 S., R. 1 E., W. M.
(Give sections or townships to be submerged)
Tp. 9 S., R. 1 E., W. M., in the county of Marion

(a) State whether situated in channel of running stream and give character of material at outlet
Not in channel of running stream

(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" x 10" board feed flume

6. The dam will be located in NE 1/4 of NW 1/4 of Sec. 9,
(Smallest legal subdivision)
Tp. 9 S., R. 1 E., W. M. The maximum height will be 10 feet above stream bed or ground surface on center line of dam. after stripping The length on top will be 303 feet; length on bottom 13 feet; width on top 14.0 feet; slope of front or water side 3:1; slope on back 2:1; height of dam above water line when full 2.0 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: Earth, ponded logs will prevent excessive wave action

8. The location of wasteway with dimensions are as follows: Twin installation of 8 inch pipe at Northwest corner of reservoir
(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: Through dam at elevation 90 to be 12" dia. metal corrugated wrapped and dipped metal pipe
(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.)

10. The area submerged by the proposed reservoir, when full, will be 371 acres, with a maximum depth of water of 19 feet; and approximate mean depth of water 10 feet.

11. The estimated cost of the proposed work is \$ 1,900.00

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

13. Construction work will be completed on or before November 1, 1958

Ralph Stegmann
(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.....

Ralph Stegmann
STATE ENGINEER

Remarks: The map accompanying this application indicates two separate storage areas, namely:

1. The area in blue color represents the storage used by me for several years past as well as the present.
2. The area enclosed within a blue line represents the area on which I am proposing added storage. The above No. 1 has been and is now used by me for log pondage purpose at my sawmill. Should my application be granted then I hope to pond logs on this added area.

As far as I know at present, I have no recorded right to these public waters. This application is made for the purpose of obtaining a permit for storage of public water on the above 1 and 2 referred to areas and will be used, if granted, for a double purpose, namely, log pondage and for the irrigation of 6.1 acres of crop land. The present rule in filing for irrigation purpose would indicate 3/80 of one second foot to be the maximum for direct diversion which in my case would be of no value and therefore necessitate storage and by using the 3.71 acre for storage I can apply three inches of water per acre per irrigation on the 6.1 acres and only affect the surface pondage from three to five inches and let 3/40 right collect between irrigation. In order to make more reliable right to this amount of direct flow from this creek, I am also applying for the right to construct reservoir #2 which is located a short distance to the west of Storage #1.

The water to fill storage #2 will be from blind springs. At present it appears that the water of these springs are to a great extent lost by evaporation and plant transpirations. In case my application for Storage #2, filed separately herewith, is granted, I hope to increase the flow, direct to the creek channel, an amount to exceed the 3/40 of one second foot as herein requested.

The application to use the storage as here outlined for irrigation is made on separate application blanks for "To Appropriate the Public Waters of The State of Oregon."

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 Siegmund Parcel No. 1 and the storage of water from Barlamus Creek to be appropriated under application No. 32411, permit No. 26047 for irrigation and maintenance of 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 25.0 acre feet.

The priority date of this permit is June 23, 1958

Actual construction work shall begin on or before May 20, 1960 and

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

WITNESS my hand this 20th day of May 19 59

Lewis A. Stanley
 STATE ENGINEER

Application No. *R-22409*
Reservoir Permit No. *R-2228*

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 *23rd* day of *JUNE*, 19*58*, at *8:00* o'clock *A.M.*

Returned to applicant:

Approved:

MAY 20, 1959
Recorded in Book No. *8* of
Reservoirs, on Page *2228*

LEWIS A. STANLEY
STATE ENGINEER

Drainage Basin No. *2* page *501*

15-58