

\* Reservoir Permit No. R-1039

22124

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

I, Sun Studs, Inc.

(Name of Applicant)

of P.O. Box 789 Roseburg, 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

April 19, 1950 Roseburg, Oregon

1. The name of the proposed reservoir is

Log Pond

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

South Umpqua River

tributary of Umpqua River

3. The amount of water to be stored is 80 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. 35 and 36

(Give sections or townships to be submerged)

Tp. 27 S., R. 6 W., W. M., in the county of Douglas

(a) State whether situated in channel of running stream and give character of material at outlet

not situated in 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 pipeline and pump

6. The dam will be located in NE  $\frac{1}{4}$  of NE  $\frac{1}{4}$  Sec. 35 & NW  $\frac{1}{4}$  of NW  $\frac{1}{4}$  Sec. 36, Sec. 35 and 36

(Smallest legal subdivision)

Tp. 27 S., R. 6 W., W. M. The maximum height will be 16.0 feet above stream bed or ground

surface on center line of dam. The length on top will be 1360 feet; length on

bottom 1360 feet; width on top 12 feet; slope of front

or water side 1:2 minimum; slope on back 1:1  $\frac{1}{2}$  minimum; height of dam above water line

(Feet horizontal to 1 vertical)

(Feet horizontal to 1 vertical)

when full two feet.

\* 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: Compacted clay , placed with carry-alls; shale and clay mixture  
on water slope

8. The location of wasteway with dimensions are as follows: \_\_\_\_\_  
(State whether over or around the dam)  
Around dam on most northerly end, 8 feet wide cut into shale rock

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: None contemplated  
(State whether through or around the proposed dam)

10. The area submerged by the proposed reservoir, when full, will be 15 acres,  
with a maximum depth of water of 11 feet; and approximate mean depth of water  
5.3 feet.

11. The estimated cost of the proposed work is \$ 10 000.00

12. Construction work will begin on or before May 15, 1950

13. Construction work will be completed on or before July 1, 1950

(Sgd) Fred Holm, Pres.  
(Name 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 correction or completion as follows: \_\_\_\_\_

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

Remarks: .....

E. I. Gates and Company, an Oregon Corporation, qualified for State work has been has been contracted to do the dike work.

Specifications call for the following conditions:

- 1. Construct dike according to Engineers specifications and supervision.
- 2. Dike to have a 12 feet top, with minimum slopes on water side of 2:1 and outside of 1½:1.
- 3. Carry-alls hauling 15 to 18 yards to be used.
- 4. Average compaction haul over embankment to be 400 feet with layers of 6" to 10".
- 5. Protection of inside slope against waves will be by a layer of shale and clay.
- 6. Main body of dike to be of blue and red clay.
- 7. Key to be a minimum of two feet deep and eight feet wide, and to be filled with blue clay.

The overflow of the dam will pass through a three foot culvert under the railroad track, through a natural drainage ditch into the South Umpqua river 500 feet distant. In case of failure of dam, damage to life and property will probably be nominal due to the following reasons:

- 1. Dam is only on west side of pond.
- 2. Dam is protected by the railroad embankment which is 5 to 6 feet in height.
- 3. Three culverts of 18", 24", and 36" diameter will release water gradually through natural drainage ditches and slope of terrain behind railroad to river.
- 4. There are only one farm and one house behind area of culverts; several houses to the north should not be effected by it.

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 a log pond and the storage of water from South Umpqua River to be appropriated under Application No. 24691, Permit No. 19488 for log pond.

The right hereunder shall be limited to the storage of 80.0 acre feet.

The priority date of this permit is May 9, 1950

Actual construction work shall begin on or before September 29, 1951

and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1952

WITNESS my hand this 29th day of September, 19 50.

CHAS. E. STRICKLIN  
STATE ENGINEER

O K  
F. S.

Application No. .... R-24690 .....

Reservoir Permit No. R-1039 .....

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## PERMIT

To construct a reservoir and store for beneficial use the unappropriated waters of the State of Oregon.

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This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 9th day of May 1950, at 1:00 o'clock P.M.

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Approved:

September 29, 1950

Recorded in Book No. 4 of  
Reservoirs, on Page R-1039

CHAS. E. STRICKLIN

STATE ENGINEER

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STATE PRINTING DEPT.

Drainage Basin No. 16 page 30-B

Fees Paid \_\_\_\_\_

Fees paid \$15.00