

Reservoir Permit No. R-1627

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

We T. J. Starker and Kermit E. Roth
(Name of Applicant)

of both: Corvallis
(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 PEAK PLYWOOD CORPORATION LOG POND
- 2. The name of the stream from which the reservoir is to be filled and the appropriation made is UNamed seepage and storm drainageways tributary of Squaw creek tributary of Mary's river

3. The amount of water to be stored is (141 now) 191 after March 1, 1954 acre feet.

4. The use to be made of the impounded water is log storage

5. The location of the proposed reservoir will be in Sec. 32
11 S 5 W
Tp. 12 S, R. 5 W, W. M., in the county of Benton

(a) State whether situated in channel of running stream and give character of material at outlet
Yes- (stream is intermittent) Soils are heavy clays, A: 1-0 black clay developed by sod cover, B: 1-4 ft yellow clay, C: 4-5 ft plastic blue clay, D: 5 ft and deeper is fractured basalt.

(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. The dam will be located in SWSE And SESW 32
NENW and NWNE 5
(Smallest legal section) Sec. 5
Tp. 12 S, R. 5 W, W. M. The maximum height will be 22 feet above stream bed or ground surface on center line of dam. The length on top will be (entire perimeter of pond) 3090-3870 feet; length on bottom (portion of dike more than 2.0 ft high) 1430-2160 feet; width on top 14 feet; slope of front or water side 2:1; slope on back 1 1/2:1 height of dam above water line when full 4.0 for all high sections 2.0 feet.

* A different form of application should be used for the appropriation of stored water. This form may 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: The dam shall be of earth fill, with a clay core wall, integrated with the substrata, and compacted by earthmovers in layers less than 6.5 feet each; impervious clay material worked to the water side and more porous material worked to the dry side. Wave protection shall consist of vegetation and floating logs tied parallel and closely to the inside slopes.

8. The location of wasteway with dimensions are as follows: Two emergency by-pass alternates around the dam are being considered. Either will be 15 ft deep by 44 ft wide in undisturbed soil and vegetated. A flows northeasterly and easterly along the northwest and north side of the reservoir and B flows northerly along the south half of the East side of the reservoir. Both drain to natural drainageways of larger capacity.

A actually built

9. The location of outlet from the proposed reservoir, with character of construction and dimensions,

are as follows: Drop inlet pipe outlet at lowest point of terrain under highest section of dike to be 10 inch diameter culvert with 10 inch riser and to have 10 inch diameter slide valve in upstream end of culvert in stream bed for draining pond. Fill to be hand tamped about pipe and cutoff collars.

(at centerline dike)

10. The area submerged by the proposed reservoir, when full, will be 20.6 acres, with a maximum depth of water of 18 feet; and approximate mean depth of water 10 feet.

11. The estimated cost of the proposed work is \$ 6,000

12. Construction work will begin on or before summer 1953

13. Construction work will be completed on or before fall 1954

T.J. STARKEE
Kernit E. ROTH

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 completion

In order to retain its priority, this application must be returned to the State Engineer, with corrections, on or before February 26, 1954.

WITNESS my hand this 26th day of January, 1954.

CHAS. E. STRICKLIN
STATE ENGINEER

By Chris L. Wheeler, Assistant

Remarks:

Lined area for remarks, consisting of approximately 25 horizontal lines.

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 Peak Plywood Corporation Log Pond and storage of water from unnamed seepage and storm drainageways to be appropriated under Application No. 28494, Permit No. 2267 for log storage.

The right hereunder shall be limited to the storage of 191.0 acre feet.

The priority date of this permit is May 22, 1953 for 125.0 a.f.; February 2, 1954 for 66.0 a.f.

Actual construction work shall begin on or before September 20, 1955 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1956.

WITNESS my hand this 20th day of September, 1954.

Charles E. Stickler
STATE ENGINEER
OK
FS

Application No. *E. 28446*
Reservoir Permit No. *Q. 1627*

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 *22nd* day of *May*, 1953, at *8:00* o'clock *A.* M.

Returned to applicant:

January 26, 1954

Approved:

September 20, 1954 of
Recorded in Book No. *6*
Reservoirs, on Page *R-1137*

CHAS. E. STRICKLIN
STATE ENGINEER

Drainage Basin No. *2* page *222*

paid \$ 15.91