

Reservoir Permit No. 2312

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

I, International Paper Co. (Name of Applicant)

of P. O. Box 149, Mobile (Mailing Address)

State of Alabama, 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 Organized and existing under the laws of the State of New York

1. The name of the proposed reservoir is Lake Takkenitch

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

tributary of Pacific Ocean

3. The amount of water to be stored is 16580 AS-12-14-59 acre feet

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

5. The location of the proposed reservoir will be in Sec. Tp. 20 S., R. 21 W., W. M., in the county of Douglas (Give sections or townships to be submerged)

(a) State whether situated in channel of running stream and give character of material at outlet Water to be stored within Takkenitch Lake by control structure on natural outlet from lake.

(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 NE, Sec. 20, Tp. 20 S., R. 21 W., W. M. The maximum height will be 15.4 feet above stream bed or ground surface on center line of dam. The length on top will be 70 feet; length on bottom 40 feet; width on top 12 feet; slope of front or water side 0; slope on back 0; height of dam above water line when full 0 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: Dam is to be constructed of Bethlehem steel sheet piling Section Si 7A Driven on a 60 ft radius and firmly anchored at both ends. Rock fill will be provided at downstream face to protect bottom from erosion by overflow.

8. The location of wasteway with dimensions are as follows: (State whether over or around the dam) High water flood flow will be over the dam. Regulation of other flows will be made by gates in face of the dam.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: Gates in face of the steel sheet piling dam. (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 2507 acres, with a maximum depth of water of 10 feet; and approximate mean depth of water 20 feet. Mean storage depth.

11. The estimated cost of the proposed work is \$ 100,000.00

12. Construction work will begin on or before

13. Construction work will be completed on or before

x [Signature] (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 completion

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before December 31, 1959.

WITNESS my hand this 5th day of October, 1959.

LEWIS A. STANLEY STATE ENGINEER By James W. Carver, Jr. ASSISTANT eh

Remarks: This amending copy received on September 29th, 1959 combines application numbered R-30179 filed on August 3rd, 1955 and application numbered R-30402 filed on November 9th, 1955.

The crest of the proposed dam would be at elevation 15.4 ft above m.s.l.

The high storage level to be at the crest of the dam.

Proposed low lake water level to be at elevation 7.4 ft above m.s.l.

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 Mackenitch Lake Reservoir and storage of water from Mackenitch Stream to be appropriated under application No. 29820, permit No. 26724 for manufacturing and dam shall be constructed under the supervision of a registered professional engineer.

This permit is issued subject to the terms and conditions of the order of the State Engineer dated June 26, 1960 and recorded on pages 405 to 407, Volume 15, Special Order Record, and by reference made hereof.

The right hereunder shall be limited to the storage of 15,500 acre feet. August 3, 1955 for 11,400 acre feet.
The priority date of this permit is November 9, 1955 for 5,500 acre feet.
Actual construction work shall begin on or before June 30, 1961 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1961.

WITNESS my hand this 30th day of June, 1960
Lewis A. Stanley
STATE ENGINEER

Amended

Application No. *R 30179*
Reservoir Permit No. *62342*

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 *9* day of *August* *1955*, at *8:00* o'clock *A.* M. *Maulember*

Returned to applicant:

Approved:

Recorded in Book No. *23199* of
Reservoirs, on Page *65*

STATE ENGINEER

Drainage Basin No. *18* page *65*

Fees *1.25*