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CERTIFICATE NO. 41352

STATE ENGINEER
SALEM, OREGON

* Reservoir Permit NR 5488

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

I, WILLAMETTE INDUSTRIES, INC. (Name of Applicant)

of 1002 Executive Building, Portland, Oregon 97204 (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 Oregon March 3, 1967

1. The name of the proposed reservoir is Willamette Industries, Inc. Log Pond

2. The name of the stream from which the reservoir is to be filled and the appropriation made is 2 unknown streams tributary of South Santiam River

3. The amount of water to be stored is 88.1 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. S. 29 and 32 (Give sections or townships to be submerged) Tp. 13 S., R. 1 E., W.M., in the county of Linn

(a) State whether situated in channel of running stream and give character of material at outlet In channel of two running streams. See Exhibits C, D, and E for outlets

(b) If not in channel of running stream, state how it is to be filled. If through a feed canal, give name and dimensions Pond area excavated and unnamed stream flows into pond. See Exhibits A and B

6. The dam will be located in NE 1/4 NW 1/4, SE 1/4 SW 1/4, SW 1/4 SE 1/4, Sec. 29, 32 (Smallest legal subdivision) Tp. 13 S., R. 1 E., W.M. The maximum height will be feet above stream bed or ground surface on center line of dam. The length on top will be feet; length on bottom feet; width on top 16 feet; slope on front or water side 3:1; slope on back 2:1; height of dam above water line when full 2 feet. See Exhibit B

* 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 97310.

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7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: earth fill

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8. The location of wasteway with dimensions are as follows: Five 24" culverts and one 58"x36" pipe arch; end area 25.3 sq. ft. and north end at Point X. One 36" culvert at southwest end. Emergency 10'x4' spillway on west side at Point Y.

See Exhibit B

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: No outlet below top two feet of water surface.
(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 12.66 acres, with a maximum depth of water of 20 feet; and approximate mean depth of water 6 1/2 feet.

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

12. Construction work will begin on or before Completed

13. Construction work will be completed on or before Completed

WILLAMETTE INDUSTRIES, INC.
(Signature of applicant)

By *[Signature]*
Vice President

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

Application No. *R-46151*

Reservoir Permit No. **R 5488**

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*69*, at *2:36* o'clock *P.* M.

Returned to applicant:

Approved:

March 16, 1970

Recorded in Book No. _____ of Reservoirs, on Page **R 5488**

CHRIS L. WHEELER
State Engineer

Drainage Basin No. *2* page *42X*

Fees *\$20.00*