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AUG 6 1969

STATE ENGINEER
SALEM, OREGON

* Reservoir Permit No. R 5436

CERTIFICATE NO. 39018

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

I, NEW ENGLAND BOLT & THREAD CO.

(Name of Applicant)

of 2765 NW NICOLAN, PORTLAND, ORE. 97210

(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

MAY 28, 1965 - SALEM, OREGON

1. The name of the proposed reservoir is UNNAMED

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

NORTH YAMHILL RIVER

tributary of WILLAMETTE RIVER

3. The amount of water to be stored is 270 acre feet.

4. The use to be made of the impounded water is FISH CULTURE & WILDLIFE
(Irrigation, power, domestic supply, etc.)

5. The location of the proposed reservoir will be in Sec. 28

(Give sections or townships to be submerged)

Tp. 35, R. 4W, W.M., in the county of YAMHILL

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

SITUATED ABOVE CHANNEL OF INTERMITTENT UNNAMED
STREAM DENNING APPROXIMATELY 46 ACRES, FIFTY FEET

(b) If not in channel of running stream, state how it is to be filled. If through a feed canal, give name and dimensions

RESERVOIR IS TO BE FILLED INITIALLY FROM
N. YAMHILL RIVER WITH SUSTENANCE OF RESERVOIR
FROM SAME SOURCE TO MAKE UP DRY WEATHER LOSSES.

6. The dam will be located in SW 1/4 NW 1/4 & NW 1/4 SW 1/4, Sec. 28

(Smallest legal subdivision)

Tp. 35, R. 4W, W.M. The maximum height will be 15 feet above stream bed or ground

surface on center line of dam. The length on top will be 1456 feet; length on

bottom 1390 feet; width on top 12 feet; slope on front

or water side 3:1; slope on back 2:1 WITH STABILIZING FILL
(Feet horizontal to 1 vertical) (Feet horizontal to 1 vertical)

when full 210 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 97310.

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 HOMOGENEOUS EARTHFILL OF NATIVE CLAYEY MATERIALS; WAVE ACTION WILL BE NEGLIGIBLE; EXPOSED TOP AND SLOPES OF DAM TO BE GRASSED

8. The location of wasteway with dimensions are as follows: WASTEWAY TO BE (State whether over or around the dam) TRIPLE TO BE THROUGH DAM CONSISTING OF A 16" RIBBON AND A 10" BARREL. WASTEWAY IS DESIGNED TO ACCOMMODATE 50 YR. FLOOD RESULTING FROM DIRECT RAINFALL ON POND SURFACE AND RUNOFF FROM 40 ACRES DRAINAGE BASIN.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: THE DEWELL LINE WILL BE A 6" STEEL PIPE, VALVED AND SCREENED AT INLET, AND CONNECTED TO normal flow of the stream at any time) THE WASTEWAY. CAPACITY IS SUFFICIENT TO DRAIN THE RESERVOIR IN LESS THAN 30 DAYS TO BELOW EXIST. GRAVITY.

10. The area submerged by the proposed reservoir, when full, will be 3.75 acres, with a maximum depth of water of 12 feet; and approximate mean depth of water 7.2 feet.

11. The estimated cost of the proposed work is \$ 7500

12. Construction work will begin on or before SEPT. 15, 1969

13. Construction work will be completed on or before OCT. 30, 1969

Andrew C. ...
(Signature of applicant)
FOR NEW ENGLAND BOLT & THREAD CO.

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.....

STATE ENGINEER
By _____ ASSISTANT

Remarks: THE APPLICANT PROPOSES TO APPROPRIATE PUBLIC WATERS IN THE FOLLOWING MANNER:

1. INITIAL FILLING OF THE RESERVOIR FROM THE NORTH YAMHILL RIVER IN THE AMOUNT SPECIFIED HEREIN.
2. RESERVOIR SUSTENANCE ALSO FROM THE NORTH YAMHILL RIVER TO MAKE UP SEEPAGE AND EVAPORATION LOSSES ESTIMATED AT 8.5 ACRE-FEET OVER DRY SUMMER MONTHS OF JUNE 1 TO SEPT 30. APPLICANT REQUESTS APPROPRIATION OF 0.05 CFS FOR THIS PURPOSE. HOWEVER, AS A MATTER OF BEING PRACTICAL, THIS WATER WOULD LIKELY BE APPROPRIATED IN SEVERAL BLOCK AMOUNTS OVER THE SAME PERIOD, SUBJECT TO EXISTING WATER RIGHTS.
3. IT IS ANTICIPATED THAT DIRECT RAINFALL WILL OFFSET RESERVOIR LOSSES FOR THE BALANCE OF THE YEAR TO THE POINT WHERE THE APPLICANT CAN TOLERATE MINOR RESERVOIR DRAWDOWN.

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 reservoir and storage of water from North Yamhill River to be appropriated under application No. 46284, permit No. 34202 for fish culture and wildlife and the dam shall be constructed under the supervision of a registered professional engineer

The right hereunder shall be limited to the storage of 27.0 acre feet.

The priority date of this permit is August 6, 1969

Actual construction work shall begin on or before August 25, 1970 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1971...

WITNESS my hand this 25th day of August, 1969.

Christ S. Wheeler
STATE ENGINEER

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Application No. R-46283

Reservoir Permit No. R 5436

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 6th day of August, 1969, at 10:16 o'clock A M.

Returned to applicant:

Approved:

August 25, 1969

Recorded in Book No. _____ of _____

Reservoirs, on Page R 5436

CHRIS L. WHEELER
State Engineer

Drainage Basin No. 2 page 2087
Fees \$200