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STATE ENGINEER
SALEM, OREGON

CERTIFICATE NO.

76322

* Reservoir Permit No. R 6893

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

I, Wm. E. Miller dba Central Oregon Pumice Company
(Name of Applicant)

of 5 N. W. GREENWOOD Avenue Bend, Oregon 97701
(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 North Ridge Reservoir

2. The name of the stream from which the reservoir is to be filled and the appropriation made is City of Bend Waste Water Canal, a tributary of Tumalo Creek

44 Oct 10 1974

~~tributary of the City of Bend Oregon~~
tributary of Deschutes River.

3. The amount of water to be stored is 2.7 acre feet.

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

5. The location of the proposed reservoir will be in Sec. NW 1/4 NW 1/4 Sec. 36
(Give sections or townships to be submerged)

Tp. 17 S., R. 11 E., W.M., in the county of Deschutes

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

Storage pit is Not in a stream channel.

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

Filled by canal 2.3 miles long. From City of Bend Waste Canal in SW 1/4 SE 1/4 of Sec. 34 T. 17 S. R 11 E W.M.

Pit

6. The ~~dam~~ will be located in NW 1/4 NW 1/4 Sec. 36
(Smallest legal subdivision) bottom of Pond

Tp. 17 S, R. 11 E, W.M. The maximum height will be 5.2 feet above ~~stream bed~~ ground

surface on center line of dam. The length on top will be 350.0' feet; length on bottom 325 feet; width on top unlimited feet; slope on front

or water side 2:1; slope on back natural ground; height of dam above water line

(Feet horizontal to 1 vertical)

when full 15.0 feet. The maximum height of dam will be 15.0 feet above bottom of Pond.

* 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.

44 Oct 10 1974

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: Not a dam - A pit, entirely below surrounding natural ground formed by pumice mining; soil is pumice and volcanic ash.

8. The location of wasteway with dimensions are as follows: None
(State whether over or around the dam)
Pit serves as a sump from which to pump to sprinkler irrigation system. Inflow is controlled at turnout.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: None - No stream channel
(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 1.04 acres, with a maximum depth of water of 5.2 feet; and approximate mean depth of water 2.6 feet.

11. The estimated cost of the proposed work is \$ 5,000.00

12. Construction work will begin on or before Nov. 1 - immediately upon approval

13. Construction work will be completed on or before Feb. 1, 1975

William S. Miller
(Signature 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

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 W. S. Miller

ASSISTANT

Application No. R 52422

Reservoir Permit No. **R 6893**

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 17th day of September, 1924, at 11:15 o'clock A.M.

Returned to applicant:

Approved:

Recorded in Book No. of

Reservoirs, on Page

State Engineer

Drainage Basin No. 5 page 32

Fees

25.00