

"CERTIFICATE NO. 54372"

Application No. R-58278

Permit No. R 7947

STATE OF OREGON WATER RESOURCES DEPARTMENT

Application for a Permit to Construct a Reservoir

RECEIVED
JAN 25 1979
WATER RESOURCES DEPT.
SALEM, OREGON

I, Bureau of Land Management

(Name of Applicant)

of P.O. Box 700

(Mailing Address)

Vale

(City)

State of Oregon

97918, (Zip Code)

Phone No. 503-473-3144

do hereby make application for a permit to construct the McDowell Butte reservoir and to store the unappropriated waters of the State of Oregon, subject to existing rights.

1. The name of the stream from which the reservoir is to be filled is No. name

tributary to Birch Creek

2. If not in channel of a stream, state how it is to be filled. run off

3. The dam will be located in the NE 1/4 of the NE 1/4 of Section 21

Township 15 S, Range 44 E, W. M.

4. The maximum height will be 18.2 feet above stream bed or ground surface at the

centerline. The top width will be 12 feet, slope of upstream face 3:1

slope of downstream face 2:1, and height of dam above water line when full

4 feet.

5. The dam will be (check one) earthfill, concrete, flashboard, other.

If "other", give description:

6. Give the location, description, and dimensions of the outlet conduit: None

(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)

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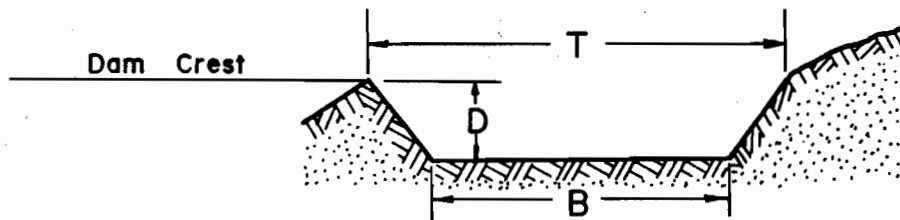
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7. The impounded water will be used for live stock & wildlife (see remarks)

8. The amount of water to be stored is 4.5 acre feet.

9. The area submerged by the reservoir, when full, will be 0.9 acres,
and the maximum depth of water will be 14.2 feet.

10. Give the location and dimensions of the spillway around
(State whether over or around dam)



The bottom width of the spillway, B, will be 20 feet.

The top width of the spillway, T, will be 48 feet.

The distance between the crest of the dam and the crest of the spillway, D, will be 4 feet.
(Must be at least 2 1/4 feet)

If any other type of spillway describe and give dimensions:

11. Construction work will begin on or before OCT. 1 1978

12. Construction work will be completed and the reservoir filled by July 1, 1979

Remarks: to provide drinking water for wildlife and livestock, for wildlife habitat and public recreation

APPROVED BY
DATE
OFFICE OF THE
STATE ENGINEER

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Signature of Applicant
Earl M. Parker

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 Water Resources Director with corrections on or before....., 19.....

WITNESS my hand this..... day of....., 19.....

Water Resources Director

By.....

This instrument was first received in the office of the Water Resources Director at Salem, Oregon, on the
25th day of January, 1929, at 8:10 o'clock A.M.
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Application No. R-58278

Permit No. R 7917

**Permit to Construct a Reservoir
and Store for Beneficial Use the Public Waters
of the State of Oregon**

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 McDowell Butte Reservoir and storage of water from no-name creek for livestock and wildlife uses, and is subject to the installation and maintenance of an outlet pipe, or to provide other means to evacuate the stored water when determined by the Water Resources Director to be necessary to satisfy prior downstream rights

The right hereunder shall be limited to the storage of 4.5 acre feet.

The priority date of this permit is January 25, 1979

Actual construction work shall begin on or before October 17, 1980 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1981

WITNESS my hand this 17th day of October, 1979

James E. Severson
Water Resources Director