

RECEIVED
STATE ENGINEER

Reservoir Permit No. 2182

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

I, United States Bureau of Land Management
(Name of Applicant)

of P. O. Box 37, Prineville, Oregon
(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

Government Agency

1. The name of the proposed reservoir is Little Butte #2 Detention Dam

2. The name of the stream from which the reservoir is to be filled and the appropriation made is Reservoir is to be filled from a draw feeding into Sears Canyon
tributary of Crooked River through underground flow.

3. The amount of water to be stored is 2.9 acre feet

4. The use to be made of the impounded water is to retain spring run off for livestock consumption only
(Irrigation, power, domestic supply, etc.)

5. The location of the proposed reservoir will be in Sec. 27
(Give sections or townships to be submerged)

Tp. 20 S., R. 21 E., W. M., in the county of Crook

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

This reservoir is to be situated in a draw which is dry except for a short period during the spring run off.

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

This reservoir will be filled from melted snow flowing down the channel in which the reservoir is to be constructed.

6. The dam will be located in NE 1/4 NE 1/4, Sec. 27
(Smallest legal subdivision)

Tp. 20 S., R. 21 E., W. M. The maximum height will be 12 feet above stream bed or ground surface on center line of dam. The length on top will be 165 feet; length on bottom 30 feet; width on top 12 feet; slope of front or water side 3, 5:1; slope on back 2:1; height of dam above water line when full 5 feet.
(Feet horizontal to 1 vertical) (Feet horizontal to 1 vertical)

* 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: This dam will be constructed of a silty clay soil which contains some gravel and small rocks. No protection from wave action will be provided

8. The location of wasteway with dimensions are as follows: The wasteway will be around the end of the dam. It will be 5 feet deep, 10 feet wide on the bottom and 20 feet wide on the top. The bottom 2 feet of depth will be in solid undisturbed soil and the top 3 feet will be composed of fill.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: There is no existing normal flow in this channel only a peak lasting a very short period of time. No outlet conduit is to be provided. (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 resevoir, when full, will be _____ acres, with a maximum depth of water of 10 feet; and approximate mean depth of water 6 feet.

11. The estimated cost of the proposed work is \$ 497

12. Construction work will begin on or before September 30, 1960

13. Construction work will be completed on or before January 1, 1961

(Signature of applicant)
District Engineer

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

Application No. *R-34047*
Reservoir Permit No. *R-2482*

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 *21st* day of *JUNE*, 19*60*, at *1:00* o'clock *P.* M.

Returned to applicant:

Approved:

October 20, 1960
Recorded in Book No. *2182* of *9*
Reservoirs, on Page *2182*

LEWIS A. STANLEY
STATE ENGINEER

Drainage Basin No. *5* page *14D*