

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

I, JOEL C. SWORD (Name of Applicant)

of Drewsey (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 Griffin Creek Dam

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

tributary of Middle Fork of the Malheur River

3. The amount of water to be stored is 326.0 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. 28
(Give sections or townships to be submerged)

Tp. 19 S, R. 34 E, W. M., in the county of Harney

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

In channel of running stream. Material at outlet is clay, sand and gravel.

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

To be gilled chiefly from melted snow during spring run-off.

Several springs above dam provide flow throughout year.

6. The dam will be located in NE¹/₄ SW¹/₄, Sec. 28,
(Smallest legal subdivision)

Tp. 19 S, R. 34 E, W. M. The maximum height will be 36.2 feet above stream bed or ground

surface on center line of dam. The length on top will be 452 feet; length on

bottom 466 feet; width on top 16 feet; slope of front

or water side 3:1; slope on back 2¹/₂:1; height of dam above water line
(Feet horizontal to 1 vertical) (Feet horizontal to 1 vertical)

when full 5 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.

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: Earthfill type dam to be constructed with materials available adjacent to the site. Protection from wave action is not considered necessary. Embankment materials will be composed of clay, top soil and some rock.

8. The location of wasteway with dimensions are as follows: Wasteway to be around end of dam. Length 336 feet; width- 60 feet; depth 5 feet. (State whether over or around the dam)

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: Two outlets will be installed through the dam. One will be 18" diameter, the other 12" diameter. Asbestos bonded pipe with concrete collars and sloping stem with control from the top of the dam. (State whether through or around the proposed dam)

10. The area submerged by the proposed reservoir, when full, will be 22 acres, with a maximum depth of water of 36 feet; and approximate mean depth of water 15 feet.

11. The estimated cost of the proposed work is \$ 8000.00

12. Construction work will begin on or before when approved

13. Construction work will be completed on or before May 1, 1951.

(Sgd) Joel C. Sword (Name of applicant)

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 correction or completion as follows:

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-24925.....

Reservoir Permit No. R-1048.....

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 26th day of June, 1950., at 1:00 o'clock P.M.

Approved:

September 29, 1950

Recorded in Book No. 4 of Reservoirs, on Page R-1048.

CHAS. E. STRICKLIN

STATE ENGINEER

STATE PRINTING DEPT.

Drainage Basin No. 10 page 15-B

Fees Paid _____

Fees paid \$17.26