

* Reservoir Permit No. R-915

CERTIFICATE NO. 21133

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

I, FRANK C. SMITH (Name of Applicant)

of Burns, (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 Mortimer Canyon Dam

2. The name of the stream from which the reservoir is to be filled and the appropriation made is Not named. Normally dry draw.
tributary of No defined watercourse.

3. The amount of water to be stored is 211.8 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. 21
(Give sections or townships to be submerged)
Tp. 22, R. 32 1/2 E, W. M., in the county of Harney

(a) State whether situated in channel of running stream and give character of material at outlet
Situated in channel of normally dry draw. Material is clay,
rock and some loam top soil.

(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 filled from runoff during spring.

6. The dam will be located in SE 1/4 SE 1/4, Sec. 21,
(Smallest legal subdivision)
Tp. 22 S, R. 32 1/2 E, W. M. The maximum height will be 30 feet above stream bed or ground surface on center line of dam. The length on top will be 577 feet; length on bottom 601 feet; width on top 14 feet; slope of front or water side 3:1; 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: Earth-fill type dam to be constructed of clay and rock available immediately above damsite. No provision for protection from wave action as none anticipated. Rock blanket to be placed on completed downstream slope.

8. The location of wasteway with dimensions are as follows: To be excavated around end of dam. Length-386 feet; Bottom width-40 feet; Side slopes 2:1 (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: 24 inch B&S type concrete pipe, placed on concrete base to be placed in existing bed of channel at Station 4+00. (State whether through or around the proposed dam)

10. The area submerged by the proposed reservoir, when full, will be 30.4 acres, with a maximum depth of water of 25 feet; and approximate mean depth of water 9 feet.

11. The estimated cost of the proposed work is \$ 6600.00

12. Construction work will begin on or before August 1, 1948.

13. Construction work will be completed on or before August 1, 1950.

(sgd) Frank C Smith (Name 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 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-22912.....

Reservoir Permit No. R-915.....

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 18th day of November, 1947, at 1:00 o'clock P. M.

Approved:

March 1, 1948.....

Recorded in Book No. 3..... of
Reservoirs, on Page R-915.....

CHAS. E. STRICKLIN.....
STATE ENGINEER

STATE PRINTING DEPT.

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Fees paid \$16.12