

\* Reservoir Permit No. R-1109

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

I, Thos. Dowell (Name of Applicant)

of Follyfarm (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 No -----

1. The name of the proposed reservoir is Dowell Dam and Reservoir

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

tributary of none -----

3. The amount of water to be stored is 1204.8 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. 22 and 23  
(Give sections or townships to be submerged)

Tp. 27 S, R. 38 E, W. M., in the county of Malheur

(a) State whether situated in channel of running stream and give character of material at outlet  
Not situated in channel of running stream. Water to be stored will be diverted through supply ditches into the reservoir basin.

(b) If not in channel of running stream, state how it is to be filled. If through a feed canal, give name and dimensions  
Supply ditches or feed canals will be used to bring water from Cottonwood Creek and Dick Creek. Ditch from Cottonwood Creek will be 3 feet deep and 20 feet wide on bottom with side slopes of 2:1. Ditch from Dick Creek will be 3 feet deep and 6 feet wide on bottom.

6. The dam will be located in S<sub>2</sub>SE<sub>4</sub>; S<sub>2</sub>SW<sub>4</sub>; SW<sub>4</sub>SW<sub>4</sub>, Sec. 22  
(Smallest legal subdivision) 23

Tp. 27 S, R. 38 E, W. M. The maximum height will be 16.9 feet above stream bed or ground surface on center line of dam. The length on top will be 4071 feet; length on bottom 4071 feet; width on top 12 feet; slope of front or water side 4:1; 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: Dam to be of earthfill type constructed of materials available adjacent to site. Riprap, one foot in depth, to be placed over the entire area of the front or water side as protection from wave action and to hold slope in position.

8. The location of wasteway with dimensions are as follows: Wasteway will be around end of dam. Depth 5 feet, Width 60 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: Three separate outlet pipes, 12 in. diameter installed through dam at locations shown on the plans. Sloping gates and stems extending to top of dam with control from the top of dam installed. (State whether through or around the proposed dam)

10. The area submerged by the proposed reservoir, when full, will be 149.6 acres, with a maximum depth of water of 11.9 feet; and approximate mean depth of water 7.9 feet.

11. The estimated cost of the proposed work is \$ 14,000.00

12. Construction work will begin on or before

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

(Sgd) Thos Dowell (Name of applicant)

Follyfarm, Oregon

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

Remarks:

The feeder ditch from Dick Creek has a fall of 2.3 feet per thousand, The ditch from Cottonwood Creek has a fall of 1.8 feet for the first 1200 feet. This feeder ditch for the first 1200 feet from the point of diversion was excavated. Beyond this point -- to the reservoir -- the water developed a ditch which I estimated has a fall of approximately 10 feet per thousand.

Paul R. Revis

STATE OF OREGON, }  
County of Marion, } ss.

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 a reservoir and the storage of water from Cottonwood Creek and Dick Creek, to be appropriated under Application No. 25499, Permit No. 20036, for irrigation.

The right hereunder shall be limited to the storage of 1204.8 acre feet.

The priority date of this permit is November 30, 1950

Actual construction work shall begin on or before June 15, 1952

and shall thereafter be prosecuted with reasonable diligence and be completed on or before

October 1, 1953 <sup>Extended to Oct. 1, 1954</sup> <sup>Extended to Oct. 1, 1957</sup>  
~~Extended to Oct. 1, 1954~~  
~~Extended to Oct. 1, 1957~~

WITNESS my hand this 15th day of June, 1951

CHAS. E. STRICKLIN

STATE ENGINEER

Application No. R-25198

Reservoir Permit No. R-1109

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**PERMIT**

To construct a reservoir and store for beneficial use the unappropriated waters of the State of Oregon.

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This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 30th day of November, 1950, at 8:00 o'clock A. M.

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Approved:

June 15, 1951

Recorded in Book No. 4 of  
Reservoirs, on Page R-1109

CHAS. E. STRICKLIN

STATE ENGINEER

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STATE PRINTING DEPT.

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Fees paid \$25.03