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STATE ENGINEER  
SALEM OREGON

Reservoir Permit No. 2118

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

I, William & Edith Sowell  
(Name of Applicant)

of Cave Junction, 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

1. The name of the proposed reservoir is Sowell Dam

2. The name of the stream from which the reservoir is to be filled and the appropriation made is Leasley Slough, Kelly Creek, Payne Slough, Sawyer Slough's tributary of and Tycer Creek

3. The amount of water to be stored is 46.9 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. 26  
(Give sections or townships to be submerged)  
Tp. 39S, R. 8 W. M., in the county of Josephine

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

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

6. The dam will be located in SE 1/4, Sec. 26  
(Smallest legal subdivision)  
Tp. 39S, R. 8 W. M. The maximum height will be 26 feet above stream bed or ground surface on center line of dam. The length on top will be 385 feet; length on bottom 125 feet; width on top 13 feet; slope of front or water side 3:1; slope on back 2:1; height of dam above water line when full 4.0 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: None - None believed required

8. The location of wasteway with dimensions are as follows: At Sta. 2400  
(State whether over or around the dam)  
concrete chute 4 ft. wide by 2 ft. deep over dam

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: 10" reinforced concrete conduit. At Sta. 2435  
(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 reservoir, when full, will be 4.69 acres, with a maximum depth of water of 21. feet; and approximate mean depth of water 10.0 feet.

11. The estimated cost of the proposed work is \$ 6,000.

12. Construction work will begin on or before November 1, 1956

13. Construction work will be completed on or before November 1, 1957

Wm. Sowell Wm Sowell  
(Signature of applicant)  
Edith Sowell Edith Sowell

As signed on original application

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

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 Sowell dam and the storage of water from Loosley Slough, Kelly Creek, Payne Slough and Sawyer Sloughs to be appropriated under application No. 30321, permit No. 25404 , for irrigation, and the dam shall be constructed under the supervision of a registered professional engineer.

The right hereunder shall be limited to the storage of 46.9 acre feet.

The priority date of this permit is September 23, 1955

Actual construction work shall begin on or before May 26, 1959 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1960 .

WITNESS my hand this ~~XXXX~~ 26th day of May, 19 58

*Lewis A. Stanley*  
STATE ENGINEER

O.K.  
G.M.P.

Application No. R-30320  
Reservoir Permit No. R-2118

## 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 23 day of September, 1955, at 1:00 o'clock P. M.

Returned to applicant:

Approved:

May 26, 1958  
Recorded in Book No. 8 of  
Reservoirs, on Page 2118

LEWIS A. STANLEY  
STATE ENGINEER

Drainage Basin No. 15 page 56F

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