

Reservoir Permit No. 2207

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

I, Jack F. Denley and Joseph H. Denley (Name of Applicant)

of Sumner Oregon P.O. Box 104 (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 Denley Res. Dam

2. The name of the stream from which the reservoir is to be filled and the appropriation made is Unnamed Stream draining into Sumner Creek which is a tributary of the North Fork of the Umpqua River.

3. The amount of water to be stored is 120 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. E2, S24, S23, S14, S14, S24, T14, R14, S25 Tp. 25S, R. 5W, W. M., in the county of Douglas

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

The dam and reservoir is situated in the Unnamed Stream Channel. Controlled flow will be regulated thru a 22 inch concrete encased conduit. overflow will be thru a mechanical 26" dia. spillway. All overflow in excess of 42 G. F. S. will be in vegetated earth spillway.

(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 NE 1/4, SE 1/4, Sec. 23, Tp. 25S, R. 5W, W. M. The maximum height will be 26.4 feet above stream bed or ground surface on center line of dam. The length on top will be 282 ft and a dyke at 90 degrees 224 feet; length on bottom 283 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 60 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: The dam to be constructed of earth in accordance to sheets 1, 2 and 3 of Plans 7-E-19428 and written specifications prepared by the Soil Conservation Service, copies of which are included with this filing.

8. The location of wasteway with dimensions are as follows: A 26 inch diameter mechanical S.M.P. spillway will convey 42 C.F.S. (24% storm frequency) from normal reservoir level into the 22 inch diameter concrete encased conduit. An emergency spillway will convey water in excess of 42 C.F.S. around right abutment.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: The outlet will be 22 inch steel pipe encased in reinforced concrete, with a design capacity of 42 C.F.S. when water is at normal pool level. (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 15.9 acres, with a maximum depth of water of 18.4 feet; and approximate mean depth of water 7.55 feet.

11. The estimated cost of the proposed work is \$ 9338.45

12. Construction work will begin on or before Oct. 1, 1958

13. Construction work will be completed on or before Oct. 1, 1959

Joseph P. Denley  
(Signature of applicant)  
Joseph P. Denley

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  
By ASSISTANT

Remarks: \_\_\_\_\_

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 Denley Bros. Reservoir and storage of water from an unnamed stream to be appropriated under Application No. 32695, Permit No. 25889, 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 120 acre feet.

The priority date of this permit is October 8, 1958

Actual construction work shall begin on or before February 13, 1960 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1960.

WITNESS my hand this 13th day of February, 1959.

*Lewis A. Stanley*  
STATE ENGINEER

Application No. *R. 32694*  
Reservoir Permit No. *R. 2207*

## 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 *13* day of *February*, 19*59*, at *11* o'clock *A.*M.

Returned to applicant:

Approved:

February *13*, 1959  
Recorded in Book No. *2207* of *8*  
Reservoirs, on Page .....

LEWIS A. STANLEY  
STATE ENGINEER

Drainage Basin No. *14* page *288*  
Fees *15.20*