

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

I, The Squaw Creek Irrigation District (Name of Applicant) of Star Route, Redmond, (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 Irrigation District

1. The name of the proposed reservoir is Squaw Creek Irrigation District Reservoir

2. The name of the stream from which the reservoir is to be filled and the appropriation made is Squaw Creek Canal which will flow into and out of reservoir. tributary of

3. The amount of water to be stored is capacity of 500 acre feet. 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 13, 14 and 23 (Give sections or townships to be submerged) Tp. 15 S., R. 10 E., W.M., in the county of Deschutes

(a) State whether situated in channel of running stream and give character of material at outlet Not in channel of canal but at the side.

(b) If not in channel of running stream, state how it is to be filled. If through a feed canal, give name and dimensions Water will be run thru canal into reservoir and then fed back into canal under pressure keeping the head constant.

R. 10 E. T. 15 S. T. 15 S. T. 15 S. R. 10 E. R. 10 E. Sec. 14 Sec. 23 Sec. 13 NE 1/4 SE 1/4 NE 1/4 NE 1/4 SW 1/4 SW 1/4, Sec. 10 E. (Smallest legal subdivision)

6. The dam will be located in Tp. 15 S., R. 10 E., W.M. The maximum height will be 17.5 feet above stream bed or ground surface on center line of dam. The length on top will be approximately 4000 feet; length on bottom same feet; width on top 11.5 feet; slope on front or water side 3:1; slope on back 2:1; height of dam above water line when full 3 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 97310.

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: Dam will be built of earth
No protection from waves as present time.

8. The location of wasteway with dimensions are as follows: Inlet box will be used
(State whether over or around the dam)
to run the water into the reservoir which is 20 feet in width and will be used to act as a spillway by placing splash boards in box. when water gets just so high in reservoir, water will flow on down the ditch instead of entering the reservoir.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: Outlet conduit 4' x 5' of reinforced concrete emptying into a
(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)
reinforced concrete and Gunite transition into a short ditch leading back into the canal. Capacity 200 sf. Outlet at Station 23+00

10. The area submerged by the proposed reservoir, when full, will be 85 acres, with a maximum depth of water of 12 feet; and approximate mean depth of water 5.9 feet. Maximum depth of water is really 14.5 ft. but the bottom 2.5 ft. cannot be run out. Too low to get back into canal.

11. The estimated cost of the proposed work is \$25,000.00

12. Construction work will begin on or before April 1, 1964

13. Construction work will be completed on or before April 1, 1966

Leonal Brewer water Dept.
(Signature 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

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: This reservoir is to be used as a fluctuation reservoir to try and control the high melt heads of water that comes in the main canal. It is planned to start each irrigation season with 500 acre feet of stored water as the early flows of Squaw Creek are quite low and do not satisfy the existing rights. Later fluctuation of flow will be regulated.

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 Squaw Creek Irrigation District Reservoir and storage of water from Squaw Creek to be appropriated under application No. 39486, permit No. 29312 for supplemental 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 500.0 acre feet.

The priority date of this permit is February 5, 1964

Actual construction work shall begin on or before March 27, 1965 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1966

WITNESS my hand this 27th day of March, 1964

Charles Shultz

STATE ENGINEER

Shultz

Application No. *R-39485*

Reservoir Permit No. *R-3902*

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 *5th* day of *February*, 19*64*, at *1:30* o'clock *P*.M.

Returned to applicant:

Approved: *March 27, 1964*

Recorded in Book No. *14* of Reservoirs, on Page *3902*

CHRIS L. WHEELER
State Engineer

Drainage Basin No. *5* page *R7A*
Fees *1.90*