

• Reservoir Permit No. 4483

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

I, U. S. Department of Agriculture, Forest Service
of P. O. Box 1008, Roseburg, Oregon.

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 Silvies Fire Dump

2. The name of the stream from which the reservoir is to be filled and the appropriation made is Un-named

tributary of Little River

3. The amount of water to be stored is 2 1/2 million gallons

4. The use to be made of the impounded water is Fire protection and road watering.
(Irrigation, power, domestic supply, etc.)

5. The location of the proposed reservoir will be in Sec. 6
(Give sections or township to be surveyed)

Tp. 27S, R. 1E, W.M. in the county of Douglas

(a) State whether situated in channel of running stream and give character of material at outlet
In channel of small running stream, material at outlet is silt-clay, on 5:1 slope, heavy vegetation.

(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. 6, Tp. 27S, R. 1E, W.M. The maximum height will be 9 feet above stream bed or ground surface on center line of dam. The length on top will be 170 feet; length on bottom 20 feet; width on top 20 feet; slope on front or water side 3:1; slope on back 2:1; height of dam above water line when full 2 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: Fat clay (Lab report not yet received) fill to be compacted in six-inch layers throughout entire prism. No provision against wave action considered necessary due to wind protection by ridges, timber, and brush.

8. The location of wasteway with dimensions are as follows: Spillway is to be on natural ground at one end of dam. Dimensions are: Top 60 feet, bottom 30 feet, and Depth 2 feet. Little used, rocky, dead end road will ford spillway. Length approximately 100 feet with discharge back into stream channel.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: A 24" diameter corrugated metal pipe on natural ground with ^{Issue whether or not} top 2 feet below top of dam. 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 2.6 acres, with a maximum depth of water of 6 feet and approximate mean depth of water 3 feet.

11. The estimated cost of the proposed work is \$ 3,000

12. Construction work will begin on or before September 1, 1966

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

Walter J. [Signature]
State Engineer

STATE OF OREGON

County of Marion

I, [Signature], do hereby certify that I have examined the foregoing application, together with the accompanying maps and plans, and return the same for [Signature]

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before [Signature], 1966.

WITNESS my hand this [Signature] day of [Signature], 1966.

By

Walter J. [Signature]

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 Silvie's Fire Reservoir and storage of water from an unnamed stream to be appropriated under Application No. 40016, Permit No. 29897, for fire protection and road sprinkling; being 1.5 a.f. for fire protection and 0.5 a.f. for road sprinkling.

The right hereunder shall be limited to the storage of 2.0 acre feet.

The priority date of this permit is November 4, 1964

Actual construction work shall begin on or before January 8, 1966 and

shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1966.

WITNESS my hand this 8th day of January, 1965.

Robert White

STATE ENGINEER

Application No. *A-42420*

Reservoir Permit No. *11-163*

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 *4th* day of *November* 19*64* at *8:00* o'clock *A* M.

Returned to applicant:

Approved:

January 8, 1965

Recorded in Book No. *1183* of

Reservoirs, on Page *1183*.

CHRIS L. WHITMAN

State Engineer

Drainage Basin No. *1C* page *R8D*
Fees *\$17.00*