

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

1. Joan E. Helm

(Name of Applicant)

of Rt 1 Box 415 Sutherlin Ore

(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 Helm Reservoir (Enlargement)

2. The name of the stream from which the reservoir is to be filled and the appropriation made is Sutherlin Creek tributary of North Umpqua River

3. The amount of water to be stored is 1.89 (Excess of R2650) 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. (SW 1/4 SW 1/4) 13 Tp. 25 S., R. 5 W., W.M., in the county of Douglas

(a) State whether situated in channel of running stream and give character of material at outlet The reservoir is adjacent to a small hill in open terrain. No running stream enters reservoir. Structural material - clay.

(b) If not in channel of running stream, state how it is to be filled. If through a feed canal, give name and dimensions To be filled by a 4" and/or 6" pipe, flowing by gravity, from diversion dam in Sutherlin Creek

6. The dam will be located in SW 1/4 SW 1/4, Sec. 13, Tp. 25 S., R. 5 W., W.M. The maximum height will be 7 feet above stream bed or ground surface on center line of dam. The length on top will be 914 feet; length on bottom - Same feet; width on top 10 feet; slope on front or water side 3 to 1; slope on back 2 to 1; height of dam above water line when full 2 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: Earthfill - sodded Clay with clay filled
Core trench

8. The location of wasteway with dimensions are as follows: The wasteway will
(State whether over or around the dam)
be constructed of 8" concrete pipe encased in concrete
under dam, with 3 cut-off collars (see remarks)

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: (See Remarks)
(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 acres.
with a maximum depth of water of 8 feet; and approximate mean depth of water
3.5 feet.

11. The estimated cost of the proposed work is \$ 2200⁰⁰

12. Construction work will begin on or before Aug 15, 1961

13. Construction work will be completed on or before Oct 10, 1962

Jean E. Halen
(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: The proposed enlargement described herein will be an enlargement of R 1873, which has a 12" overflow & wasteway together with a 6" steel drain at Reservoir floor level. This is to supplement the 8" overflow in the proposed enlargement. There is no stream as such entering or leaving the Area of either the original or enlarged reservoir. The only waters entering (aside from diverted waters) will be the run-off from approximately 12A of adjacent lands.

Maps & description the same as R 2650

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~~ ~~exp~~ enlargement of Holm Reservoir and storage of water from Sutherlin Creek to be appropriated under application No. 38193, permit No. 28463 for irrigation.

The right hereunder shall be limited to the storage of 1.89 acre feet.

The priority date of this permit is October 24, 1962

Actual construction work shall begin on or before February 15, 1964 and

shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1964

WITNESS my hand this 15th day of February, 1963

Charles L. Wheeler
STATE ENGINEER

Application No. *R-38192*

Reservoir Permit No. *R-3164*

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 *24th* day of *October*, 19*62*, at *Five* o'clock *P.*M.

Returned to applicant:

Approved:

February 15, 1963

Recorded in Book No. *11* of Reservoirs, on Page *316A*

CHRIS L. WHEELER
State Engineer

Drainage Basin No. *16* page *28C*

Fees