

* Reservoir Permit No. R 5104

CERTIFICATE NO. 39885

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

I, Bureau of Land Management, District Office
(Name of Applicant)

of Federal Building, U.S. Courthouse, Sixth and Holly, P.O. Box 1047, Medford,
(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
Federal Government

1. The name of the proposed reservoir is Merlin Seed Orchard

2. The name of the stream from which the reservoir is to be filled and the appropriation made is
Unnamed stream, runoff waters from Sec. 4 and 9, T. 35 S., R. 6 W.

tributary of Jumpoff Joe Creek

3. The amount of water to be stored is 4.72 ~~50~~ 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. 9
(Give sections or townships to be submerged)

Tp. 35 S, R. 6 W, W.M., in the county of Josephine

(a) State whether situated in channel of running stream and give character of material at outlet
Unnamed intermittant stream - See plans and specs.

(b) If not in channel of running stream, state how it is to be filled. If through a feed canal, give name and dimensions
Drainage - runoff water from 540 acres, Secs. 4 and 9, T. 35 S., R. 6 W., Will Mer.

6. The dam will be located in E 1/2 SE 1/4 NW 1/4, Sec. 9,
(Smallest legal subdivision)
Tp. 35 S, R. 6 W, W.M. The maximum height will be 52.16 feet above stream bed or ground

surface on center line of dam. The length on top will be 563 feet; length on bottom 500 feet; width on top 16 feet; slope on front or water side 4.1; slope on back 3:1; height of dam above water line when full 5 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 97310.

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: compacted earth fill, see attached plat
..... rip rap at water line -- seeded banks on west and east sides.

8. The location of wasteway with dimensions are as follows:
(State whether over or around the dam)

85 feet west from center of dam, concrete spilway structure,
16' long, five feet high, rocked stilling basin.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: 24" CMP, asbestos - bonded and double bituminous coated,
(All dams across natural stream channels must be provided with an outlet conduit, of such capacity and location to pass the
closed and double riveted CMP, with couplers (Armco Type P1-5c-R4G")
normal flow of the stream at any time)

10. The area submerged by the proposed reservoir, when full, will be ~~57~~ 1.97 acres,
with a maximum depth of water of ~~87~~ 15 feet; and approximate mean depth of water
~~70~~ 2.91 feet.

11. The estimated cost of the proposed work is \$ 20,000.

12. Construction work will begin on or before Nov. 30, 1967

13. Construction work will be completed on or before Nov. 30, 1968

Mervin Foster
(Signature of applicant)
Medford District Engineer (B.L.M.)

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 Merlin Seed Orchard Reservoir and storage of water from an unnamed stream to be appropriated under application No. 44178, permit No. 33008 for irrigation

The right hereunder shall be limited to the storage of 4.72 acre feet.

The priority date of this permit is October 20, 1967

Actual construction work shall begin on or before May 17, 1969 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1970

WITNESS my hand this 17th day of May, 1968


STATE ENGINEER 

Application No. R-44177

Reservoir Permit No. R 5104

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 20th day of October, 1967, at 8:47 o'clock A M.

Returned to applicant:

Approved:

May 17, 1968

Recorded in Book No. _____ of

Reservoirs, on Page 11 5104

CHRIS I. WHEELER
State Engineer

Drainage Basin No. 15 page 7824

Fees 1100.00