

Reservoir Permit No. 3258

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

I, Gale Merwin (Name of Applicant)

of Post (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 Merwin Reservoir

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

3. The amount of water to be stored is 173.5 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. 32 (Give sections or townships to be submerged) Tp. 16S, R. 22E, W. M., in the county of Crook

(a) State whether situated in channel of running stream and give character of material at outlet Flow is very small during the summer months. Outlet on rock.

(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 SW 1/4, Sec. 32 (Smallest legal subdivision) Tp. 16S, R. 22E, W. M. The maximum height will be 48 feet above stream bed or ground surface on center line of dam. The length on top will be 800 feet; length on bottom 100 feet; width on top 18 feet; slope of front or water side 2:1; slope on back 2:1; height of dam above water line when full 56 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: *Rolled earth fill, compacted in 6" layers. Rock riprap on upstream face for wave protection*

8. The location of wasteway with dimensions are as follows: *Open Spillway*
(State whether over or around the dam)
in rock, Bottom width is to be 140 ft.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: *18" diameter, asbestos boarded asphalt dipped C.M.P. with seep rings*
(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 *13.52* acres, with a maximum depth of water of *8.0* feet; and approximate mean depth of water *12.83* feet.

11. The estimated cost of the proposed work is \$ *15,000*

12. Construction work will begin on or before *Oct. 1, 1942*

13. Construction work will be completed on or before *Dec. 1944*

[Signature]
(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

Application No. R-37917
Reservoir Permit No. R-3258

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 17 day of September, 1962, at 5:00 o'clock P.M.

Returned to applicant:

Approved:

July 18, 1963
Recorded in Book No. 12 of
Reservoirs, on Page 3258

CHRIS L. WHEELER
STATE ENGINEER

Drainage Basin No. 5 page 14 E

Fees 1.00