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NOV 27 1970

STATE ENGINEER  
SALEM, OREGON

\*Reservoir Permit No. **R 5707**

CERTIFICATE NO. **48786**

**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 Paulina  
(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 Watson Reservoir  
Enlargement

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 2101.8 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. 20, 21, 22, 28 & 29  
(Give sections or townships to be submerged)  
Tp. 16 S., R. 22 E., W.M., in the county of Cook

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

(b) If not in channel of running stream, state how it is to be filled. If through a feed canal, give name and dimensions Spring and flood pass off

6. The dam will be located in NE<sup>1</sup>NE<sup>2</sup>Sec. 29 & NW<sup>1</sup>NW<sup>2</sup>, Sec. 28,  
(Smallest legal subdivision)  
Tp. 16 S., R. 22 E., W.M. The maximum height will be 32 feet above stream bed or ground surface on center line of dam. The length on top will be 890 feet; length on bottom 30 feet; width on top 16 feet; slope on front or water side 3:1; slope on back 2:1; height of dam above water line when full 6 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: Silty Clay material compacted in thin layers. Front slope to be Riprapped with rock from the spillway excavation for wave protection.

8. The location of wasteway with dimensions are as follows: Spillway will be relocated around the West end of the dam in rock.  
(State whether over or around the dam)

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: The Outlet Pipe from the existing dam will be extended beyond the toe of the enlarged dam and will empty on rock. Diam of pipe 18" 24" 14" 11-11-71  
(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 286.2 acres, with a maximum depth of water of 26 feet; and approximate mean depth of water 9.1 feet.

11. The estimated cost of the proposed work is \$ 10,000

12. Construction work will begin on or before Dec 1 1970

13. Construction work will be completed on or before Jan 1 1973

Gale Merson  
(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: .....

STATE OF OREGON, }  
County of Marion, } ss.

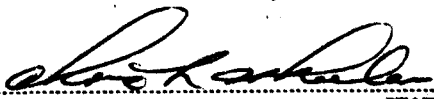
This is to certify that I have examined the foregoing application and do hereby grant the same, subject to the following limitations and conditions: The right herein granted is limited to the construction of Watson Reservoir and storage of water from Watson Creek to be appropriated under application No. 47742, permit No. 35497, for irrigation and 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 2101.8 acre feet.

The priority date of this permit is November 27, 1970

Actual construction work shall begin on or before November 23, 1972 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1973.

WITNESS my hand this 23rd day of November, 1971.

  
STATE ENGINEER

Application No. R-47741  
Reservoir Permit No. R-5707

## 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 27<sup>th</sup> day of November, 1970, at 8 o'clock A. M.

Returned to applicant:

Approved:

November 23, 1971

Recorded in Book No. .... of  
Reservoirs, on Page R-5707.....

CHRIS L. WHEELER  
State Engineer

Drainage Basin No. 5 page 116

Fees \$34.52