

Application No. R-57088

Permit No. P 17709

**STATE OF OREGON WATER RESOURCES DEPARTMENT**  
**Application for a Permit to Construct a Reservoir**

I, Phil Darling  
(Name of Applicant)

of Route 1, Box 514, Salem  
(Mailing Address) (City)

State of Oregon, 97304, Phone No. 868-7675  
(Zip Code)

do hereby make application for a permit to construct the reservoir  
and to store the unappropriated waters of the State of Oregon, subject to existing rights.

1. The name of the stream from which the reservoir is to be filled is Unnamed creek  
tributary to Palmer Creek

2. If not in channel of a stream, state how it is to be filled. Water will be diverted from  
stream channel by a wood (pressure treated) diversion structure.

3. The dam will be located in the SE  $\frac{1}{4}$  of the SW  $\frac{1}{4}$  of Section 31,  
Township 5S, Range 3W, W. M.

4. The maximum height will be 5.2 feet above stream bed or ground surface at the  
centerline. The top width will be 10.0 feet, slope of upstream face 3:1,  
slope of downstream face 3:1, and height of dam above water line when full  
3.0 feet.

5. The dam will be (check one)  earthfill,  concrete,  flashboard,  other.  
If "other", give description: This is a semi-dugout type, off channel storage reservoir,  
with majority of the storage being below the ground surface. A fill will be  
around the west and east side and across the north end with the maximum fill on  
the north end.

6. Give the location, description, and dimensions of the outlet conduit: None

(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)

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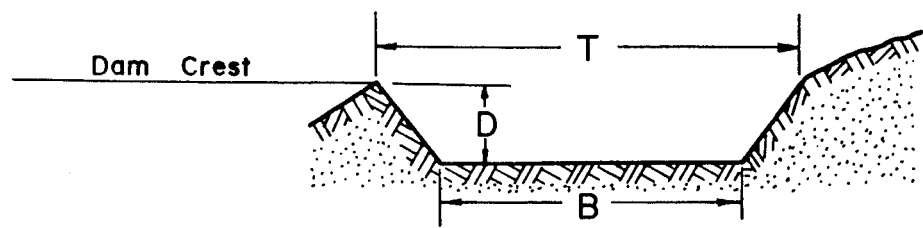
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7. The impounded water will be used for Irrigation

8. The amount of water to be stored is 3.0 acre feet.

9. The area submerged by the reservoir, when full, will be 0.6 acres, and the maximum depth of water will be 7.0 feet.

10. Give the location and dimensions of the spillway \* See below  
(State whether over or around dam)



The bottom width of the spillway, B, will be \_\_\_\_\_ feet.

The top width of the spillway, T, will be \_\_\_\_\_ feet.

The distance between the crest of the dam and the crest of the spillway, D, will be 2.5 feet.  
(Must be at least 2 1/2 feet)

If any other type of spillway describe and give dimensions:

\* The spillway or overflow will be a ditch located at the Southwest corner of \_\_\_\_\_ dugout. This ditch will have a 1.0 foot bottom width with side slopes of 1:1. Length is 34 feet. Elevation of ditch bottom is 3.0 below ground surface.

11. Construction work will begin on or before Sept. 1, 1978

12. Construction work will be completed and the reservoir filled by Nov. 15, 1979

Remarks: This reservoir is off channel and will be filled by placing a pressure treated wood diversion structure across the channel and using stop logs to check the water and divert it in to the reservoir. The overflow ditch and diversion will be located at Southwest corner of the reservoir. The channel is located 34 feet west of the reservoir.

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*Philip Howard Ouelly*  
Signature of Applicant

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 Water Resources Director with corrections on or before....., 19.....

WITNESS my hand this ..... day of ....., 19.....

Water Resources Director

By .....

**RECEIVED**

APR 13 1978

**WATER RESOURCES DEPT:  
SALEM, OREGON**

This instrument was first received in the office of the Water Resources Director at Salem, Oregon, on the 13<sup>th</sup> day of April, 1978, at 10:15 o'clock A.M.

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**Permit to Construct a Reservoir  
and Store for Beneficial Use the Public Waters  
of the State of Oregon**

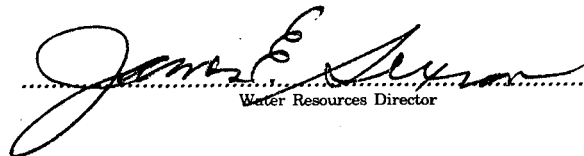
*This is to certify that I have examined the foregoing application and do hereby grant the same subject to the following limitations and conditions. The right herein granted is limited to the construction of a reservoir and storage of water from an unnamed stream to be appropriated under application No. 57289, permit No. 43563, for irrigation.*

*The right hereunder shall be limited to the storage of 3.0 acre feet.*

*The priority date of this permit is April 13, 1978*

*Actual construction work shall begin on or before November 1, 1979 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1980*

*WITNESS my hand this 1st day of November, 1978*

  
Water Resources Director