

WOLF 1980 B 22

Application No. R-60443

Permit No. R 8179

STATE OF OREGON WATER RESOURCES DEPARTMENT

Application for a Permit to Construct a Reservoir

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JUL 31 1980

WATER RESOURCES DEP  
SALEM, OREGON

I, ~~John McFarland~~ & Barbara P. McFarland  
(Name of Applicant)

of Rt. 1, Box 822 Beaverton  
(Mailing Address) (City)

State of Oregon 97007, Phone No. 503/644-3233  
(Zip Code)

do hereby make application for a permit to construct the McFarland 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 un-named  
(intermittent) tributary to Tualatin River

2. If not in channel of a stream, state how it is to be filled. To be constructed in channel  
of intermittent stream.

3. The dam will be located in the N.W., S.W., 1/4 of the N.W., N.W., 1/4 of Section 6  
Township 2 South, Range 1 West, W. M.

4. The maximum height will be 14 feet above stream bed or ground surface at the  
centerline. The top width will be 10.0 feet, slope of upstream face 3 1/2:1  
slope of downstream face 2 1/2:1, and height of dam above water line when full  
4.5  
5.5 feet.

5. The dam will be (check one) X earthfill, concrete, flashboard, other.  
If "other", give description:

6. Give the location, description, and dimensions of the outlet conduit: Outlet conduit (12")  
will be at the maximum dam section, will be corrugated metal pipe 14 GA.  
(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)  
asphalt coated, 12 inch diameter and 80 feet long with a 15 inch riser on the  
upstream face of the dam which will be CMP, 14GA, asphalt coated.

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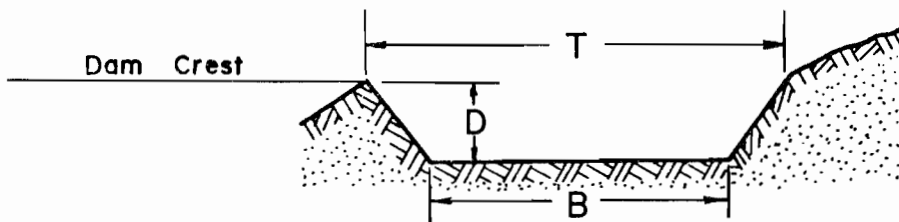
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7. The impounded water will be used for Irrigation of pastureland and fruit orchard.

8. The amount of water to be stored is 6.45 13.13 acre feet.

9. The area submerged by the reservoir, when full, will be 2.71 acres, and the maximum depth of water will be 8.5 feet.

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



The bottom width of the spillway, B, will be 32 feet.

The top width of the spillway, T, will be 45 feet.

The distance between the crest of the dam and the crest of the spillway, D, will be 3.5 feet.  
(Must be at least 2 1/2 feet)

If any other type of spillway describe and give dimensions:

The emergency spillway will be earth planted to grass sod.

11. Construction work will begin on or before September 1980

12. Construction work will be completed and the reservoir filled by Nov. - Dec. 1980

Remarks: This application is companion to an application for permit to appropriate surface water.

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This permit, when issued, is for the beneficial use of water. By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan. It is possible that the land use you propose may not be allowed if it is not in keeping with the goals and the acknowledged plan. Your city or county planning agency can advise you about the land-use plan in your area.

.....  
*Jordan Weber* 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 .....*

*This instrument was first received in the office of the Water Resources Director at Salem, Oregon, on the 31<sup>st</sup> day of July, 1980, at 1:30 o'clock P.M.*

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Application No. R-60443

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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 ..... McFarland Reservoir and storage of water from an unnamed stream to be appropriated under application No. 60444, permit No. 45100, for irrigation and the dam shall be constructed under the supervision of a registered professional engineer.*


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*The right hereunder shall be limited to the storage of 13.13 acre feet.*

*The priority date of this permit is July 31, 1980 for 6.45 acre feet  
August 8, 1980 for 6.68 acre feet*

*Actual construction work shall begin on or before October 14, 1981 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1982*

*WITNESS my hand this 14th day of October, 1980*

  
.....  
**DEPUTY** Water Resources Director

RHX