

Application No. R-57607

Permit No. R 7765

STATE OF OREGON WATER RESOURCES DEPARTMENT **RECEIVED**

Application for a Permit to Construct a Reservoir JUN 28 1978

WATER RESOURCES DEPT. SALEM, OREGON

I, George U. Benz + Margaret E. Benz (Name of Applicant)

of 16550 S.W. 113 (Mailing Address), Tigard (City)

State of Oregon, 97223 (Zip Code), Phone No. 639-2540

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 Spring Creek (~~.....~~) tributary to Tualatin River

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

3. The dam will be located in the South West ~~South~~ North East ~~East~~ $\frac{1}{4}$ of the ~~Section~~ $\frac{1}{4}$ of Section 15, Township 2. South, Range 1 West, W. M.

4. The maximum height will be Nine & One Half feet above stream bed or ground surface at the centerline. The top width will be Ten feet, slope of upstream face 3 horiz. to 1 vert., slope of downstream face 3 horiz. to 1 vert., and height of dam above water line when full Four feet.

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

6. Give the location, description, and dimensions of the outlet conduit: At the base of the dam, to the left of the natural streambed (facing downstream). One asphalt dipped corrugated pipe with three asphalt dipped metal cutoff dollars. The valve is on the downstream end of the pipe. The pipe is 40 feet long and ten inches in diameter.

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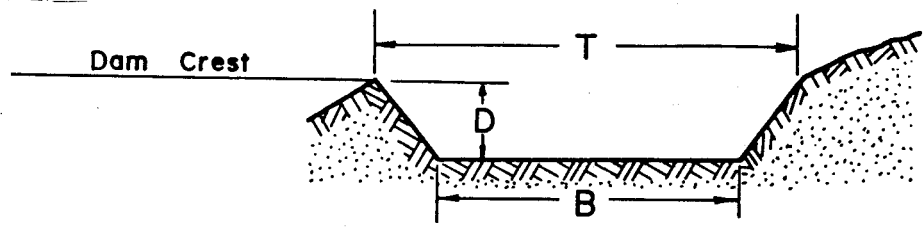
Recreation - wildlife and fish life

7. The impounded water will be used for ~~Recreation - wildlife and fish life~~

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

9. The area submerged by the reservoir, when full, will be 1.5 acres, and the maximum depth of water will be Four feet.

10. Give the location and dimensions of the spillway (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 _____ feet. (Must be at least 2 1/2 feet)

If any other type of spillway describe and give dimensions:

Located 15 feet to the ~~left~~ ^{RIGHT} of the outlet conduit (looking downstream), and four feet above the base of the dam. Three concrete encased, corrugated steel conduits 24 inches in diameter and 20 feet long. The water will flow from the conduits to a concrete chute and thence to a spilling basin below the dam.

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

12. Construction work will be completed and the reservoir filled by September 30, 1978

Remarks: There will be an emergency spillway 1 foot above the spillway conduits. It will run around the right side of the dam. Referring to the figure shown above, it will have the following dimensions: Bottom width, B, will be 20 feet. Top width, T, will be 28 feet. The distance between the crest of the dam and the crest of the emergency spillway will be 2 1/2 feet.

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This dam is located in a small creek basin approximately 250 yards upstream from the Tualatin River. There are no houses or buildings below it.

Margaret E. Berg
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..... Correction and completion.....

In order to retain its priority, this application must be returned to the Water Resources Director with corrections on or before..... December 11....., 19 78.....

WITNESS my hand this ...10th..... day ofOctober....., 19 78.....

.....James E. Sexson,..... Water Resources Director

By *Donald R. Buell*
Donald R. Buell

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JUL 5 1978
WATER RESOURCES DEPT.
SALEM, OREGON

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DEC 4 1978
WATER RESOURCES DEPT.
SALEM, OREGON

This instrument was first received in the office of the Water Resources Director at Salem, Oregon, on the ^{5-~~12~~} day of *July*, 19 *78*, at *8:00* o'clock *A*.M.

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REGISTERED PROFESSIONAL ENGINEER 101 78 00 10 00 00

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 the waters of Spring Creek to be appropriated under application No. 58145, permit No. 43761, for recreation.

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

The priority date of this permit is July 5, 1978

Actual construction work shall begin on or before January 10, 1980 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1980

WITNESS my hand this 10th day of January, 1979

James E. Dixon Water Resources Director