

"CERTIFICATE NO. 64913"

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Application No. R-58936

Permit No. R 7979

STATE OF OREGON WATER RESOURCES DEPARTMENT **RECEIVED**

Application for a Permit to Construct a Reservoir

JUL 20 1979
WATER RESOURCES DEPT.
SALEM, OREGON

I, Willis A. Byers Jr. (Name of Applicant)

of 3465 Brush College Rd, Salem (Mailing Address) (City)

State of Oregon, 97304 (Zip Code), Phone No. 362-9734

do hereby make application for a permit to construct the Willis Byers 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 waterway tributary to Spring Valley creek

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

3. The dam will be located in the SW ~~NW~~ $\frac{1}{4}$ of the NE ~~SW~~ $\frac{1}{4}$ of Section 6, Township 7S, Range 3W, W. M.

4. The maximum height will be 9.8 feet above stream bed or ground surface at the centerline. The top width will be 12 feet, slope of upstream face 3 to 1, slope of downstream face 2 to 1, and height of dam above water line when full 2.5 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: Through center of the dam see remarks

(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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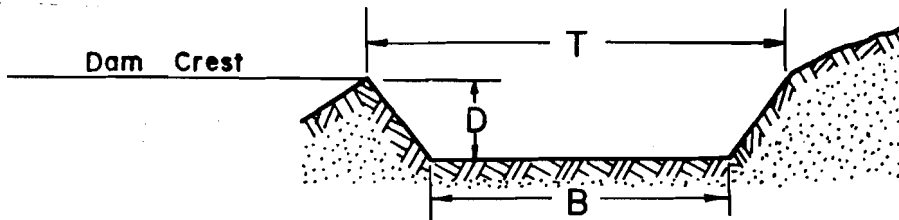
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7. The impounded water will be used for stock water, irrigation -
(1 acre foot for stock and 7.5 acre feet for irrigation)

8. The amount of water to be stored is 8.5 acre feet.

9. The area submerged by the reservoir, when full, will be 2.8 acres,
and the maximum depth of water will be 10 feet.

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



The bottom width of the spillway, B , will be 1.3 feet.

The top width of the spillway, T , will be 2.3 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 1/4 feet)

If any other type of spillway describe and give dimensions:

11. Construction work will begin on or before 9-79

12. Construction work will be completed and the reservoir filled by 9-80

Remarks: the principal spillway will consist of a
trickle tube assembly with a 6 in inlet conduit
and valve, a 12 in. outlet conduit and an 18 in
riser. the emergency spillway will consist of
the dimensions given above.

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Willis A. Byers Jr.
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
20th day of JULY, 1979, at 1:00 o'clock P.M.

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8-1-80

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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 Willis Byers Reservoir and storage of water from an unnamed waterway to be appropriated under application No. 58937, permit No. 44600 for stock use and irrigation, being 1.0 acre foot for stock use and 7.5 acre feet for irrigation.....

The right hereunder shall be limited to the storage of 8.5 acre feet.

The priority date of this permit is July 20, 1979

Actual construction work shall begin on or before February 7, 1981 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 19..... 81

WITNESS my hand this 7th day of February , 1980

James C. Severson
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Water Resources Director

CAH