

"CERTIFICATE NO. 57967"

Application No. R-59403

Permit No. R-7982 RECEIVED

STATE OF OREGON WATER RESOURCES DEPARTMENT T-81979

Application for a Permit to Construct a Reservoir
WATER RESOURCES DEPT
SALEM, OREGON

I, James O. Taylor & Evelyn J. Taylor
(Name of Applicant)
of RT 1 Box 31 JT Dodson Rd., Tygh Valley
(Mailing Address) (City)

State of Oregon, 97063, Phone No. 544-2127
(Zip Code)

do hereby make application for a permit to construct the Carsten 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 STREAM.
irrigation runoff tributary to _____

2. If not in channel of a stream, state how it is to be filled. By ditch constructed
from stream to pond - approx 4 ft wide - 3 ft deep - 385 ft long
with ability to dam ditch up when pond filled.

3. The dam will be located in the $\frac{1}{4}$ S $\frac{1}{2}$ % of the S.W. $\frac{1}{4}$ of Section 9,
Township 45, Range 12 E, W.M.

4. The maximum height will be 5 ft feet above stream bed or ground surface at the
centerline. The top width will be 8 ft feet, slope of upstream face 3-1,
slope of downstream face 2-1, and height of dam above water line when full
4 ft feet.

5. The dam will be (check one) earthfill, concrete, flashboard, other.

If "other", give description: see diagram enclosed

Since pond doesn't dam up water flow and is not ^{stored water level}
to be over 1 ft higher than ground level - having an
outlet conduit would be impossible. Land fall beyond
dam also to gradual to make use of any drainage ^{pipe}

6. Give the location, description, and dimensions of the outlet conduit: Spillway same width
as inlet ditch will carry out any excess water back to main stream.

(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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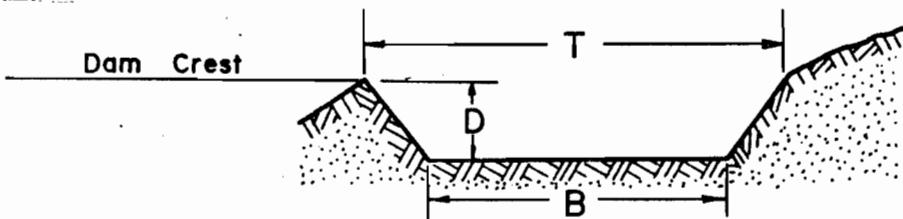
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7. The impounded water will be used for irrigation pasture land and to irrigate lawns & gardens.

8. The amount of water to be stored is 1 acre ft acre feet.

9. The area submerged by the reservoir, when full, will be $\frac{1}{4}$ acre acres, and the maximum depth of water will be 4 ft feet.

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



The bottom width of the spillway, B, will be 4 feet.

The top width of the spillway, T, will be 4 feet.

The distance between the crest of the dam and the crest of the spillway, D, will be 3 ft feet.
(Must be at least $2\frac{1}{4}$ feet)

If any other type of spillway describe and give dimensions:

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11. Construction work will begin on or before December 1979.

12. Construction work will be completed and the reservoir filled by Spring 1980.

Remarks:
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.....

James O Taylor
Signature of Applicant
Suzanne Taylor

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.....March 3....., 19.80.....

WITNESS my hand this31st..... day of ..December....., 19.79.....

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

By*Donald R. Buell*.....
DONALD R. BUELL

RECEIVED
JAN 16 1980
WATER RESOURCES DEPT
SALEM, OREGON

This instrument was first received in the office of the Water Resources Director at Salem, Oregon, on the
.....8th..... day ofOctober....., 19.79..... at 8:00 o'clock A.M.
Application No. R-59403..... Permit No. R 7982.....

R 7982

Application No. R-59405

Permit No. R 7982

**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
an earthfill reservoir and storage of water from an unnamed stream to be appropriated under application No. 59404, permit No. 44605 for irrigation.....*

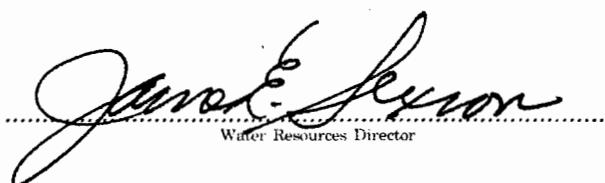
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The right hereunder shall be limited to the storage of 1.0 acre feet.

The priority date of this permit is October 8, 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,
1981*

WITNESS my hand this 7th day of February 1980


James E. Leyton
Water Resources Director

PSW