

Application No. R-59816

Permit No. R 8149

STATE OF OREGON WATER RESOURCES DEPARTMENT

RECEIVED

Application for a Permit to Construct a Reservoir

FEB 22 1980
WATER RESOURCES DEPT.
SALEM, OREGON

I, JAMES M HEATER

(Name of Applicant)

of 4672 Drift Creek Rd SE Sublimity

(Mailing Address)

(City)

State of Ore 97385, Phone No. 7697127

(Zip Code)

do hereby make application for a permit to construct the Heater 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 The Center fork of Drift 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 $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Section 8, Township 8S, Range 1E, W. M.

4. The maximum height will be 22.6 28 feet above stream bed or ground surface at the centerline. The top width will be 14 feet, slope of upstream face 3-1 slope of downstream face 2-1, and height of dam above water line when full 34 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: 130' x 12"

concrete encased pipe

(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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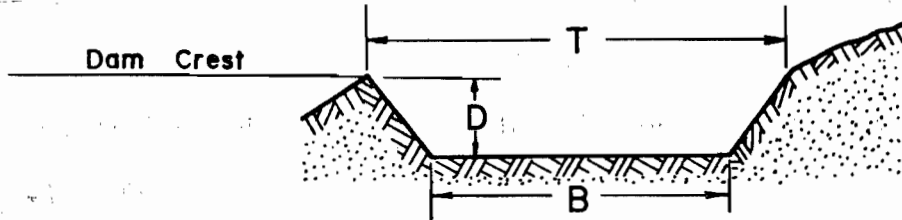
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7. The impounded water will be used for SUPPLEMENTAL IRR.

8. The amount of water to be stored is 21.0 30 AF/A @ 20 acre feet.

9. The area submerged by the reservoir, when full, will be 3.2 acres, and the maximum depth of water will be 20 feet.

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



The bottom width of the spillway, B, will be 14 16 feet.

The top width of the spillway, T, will be 20 30 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:

11. Construction work will begin on or before 1 yr from date of per.

12. Construction work will be completed and the reservoir filled by Oct 1, 1981

Remarks:

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THIS APPLICATION PREPARED BY:
Don Buell
FROM INFORMATION FURNISHED BY
THE APPLICANT.

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.

James M. Heath
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
25 day of FEB., 1980, at 10:34 o'clock A.M.

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B 8173

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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 Heater Reservoir and storage of water from an unnamed intermittent stream to be appropriated under Application No. 59817, Permit No. 44946 for supplemental irrigation, and the dam shall be constructed under the supervision of a registered professional engineer.

The right hereunder shall be limited to the storage of 30.0 acre feet.

The priority date of this permit is February 25, 1980 for 21.0 acre-feet August 4, 1980 for 9.0 acre-feet

Actual construction work shall begin on or before August 7, 1981 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1982.

WITNESS my hand this 7th day of August, 1980

James E. Sevon
Water Resources Director

BH A.