

Application No. R-56608

Permit No. R 7256

STATE OF OREGON WATER RESOURCES DEPARTMENT

RECEIVED

MAY 10 1978

Application for a Permit to Construct a Reservoir

WATER RESOURCES DEPT. SALEM, OREGON

I, Douglas County Water Resources Survey
(Name of Applicant)

of Room 104, Justice Building, Roseburg
(Mailing Address) (City)

State of Oregon, 97470, Phone No. 672-3311 Ext. 296
(Zip Code)

do hereby make application for a permit to construct the unnamed 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 Berry Creek
tributary to Olalla Creek

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

3. The dam will be located in the NE $\frac{1}{4}$ of NW $\frac{1}{4}$, SE $\frac{1}{4}$ of NW $\frac{1}{4}$, NW $\frac{1}{4}$ of NE $\frac{1}{4}$, SW $\frac{1}{4}$ of NE $\frac{1}{4}$
1/4 of the 1/4 of Section 20,
Township 29S, Range 7W, W. M.

4. The maximum height will be 140 feet above stream bed or ground surface at the
centerline. The top width will be 20 feet, slope of upstream face 2.9 H : 1V,
slope of downstream face 2.6 H : 1V average, and height of dam above water line when full
14 feet.

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

6. Give the location, description, and dimensions of the outlet conduit: 54" I.D. cast in place
reinforced concrete conduit approximately 682' in length located on right
(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)
abutment. "Y" transition intake consisting of two 36" conduits with slide
gates. 36" outlet regulating valve and a 12" outlet regulating valve.

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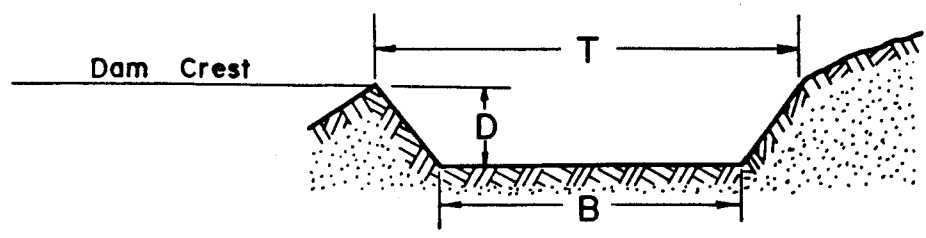
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7. The impounded water will be used for..... quasi-municipal: 1,000 a.f.; municipal: 500 a.f.; streamflow augmentation: 750 a.f.

8. The amount of water to be stored is..... 2,250 acre feet.

9. The area submerged by the reservoir, when full, will be..... 250 acres, and the maximum depth of water will be ~~123~~ ~~113~~ 123 feet.

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



The bottom width of the spillway, B, will be 50 feet.

The top width of the spillway, T, will be 52.8 feet.

The distance between the crest of the dam and the crest of the spillway, D, will be 14 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..... July 1, 1978


12. Construction work will be completed and the reservoir filled by..... June 1, 1980

Remarks: Total capacity of reservoir: 11,250 a.f.

Beneficial Use: 2,250 a.f.

Flood Control: 9,000 a.f.

.....
.....


Signature of Applicant
 Water Resources Engineer

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

15 day of September, 1977, at 1:00 clock A.M.

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**Permit to Construct a Reservoir
and Store for Beneficial Use the Public Waters
of the State of Oregon**

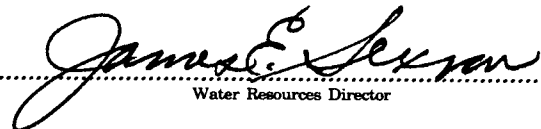
This is to certify that I have examined the foregoing application and do hereby grant the same subject to the following limitations and conditions. The right herein granted is limited to the construction ofan..... unnamed reservoir and storage of water from Berry Creek to be appropriated under application No. 57401, permit No. 43056, and application No. 57411, permit No. 43057, for municipal, quasi-municipal, and streamflow augmentation, and the dam shall be constructed under the supervision of a registered professional engineer.

The right hereunder shall be limited to the storage of 2,250 acre feet.

The priority date of this permit is September 15, 1977

Actual construction work shall begin on or before June 1, 1979 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1980.....

WITNESS my hand this 1st day of June 1978.....


Water Resources Director