

Application No. R-56899

Permit No. R 7255

RECEIVED

DEC 6 1977

STATE OF OREGON WATER RESOURCES DEPARTMENT

Application for a Permit to Construct a Reservoir
SALEM, OREGON

I, Neil M. Thursson (Name of Applicant)

of Box 38 Cow Creek Road, Azalea (Mailing Address) (City)

State of Oregon, 97410 (Zip Code), Phone No. 837-3546

do hereby make application for a permit to construct the 2 Unnamed reservoirs

and to store the unappropriated waters of the State of Oregon, subject to existing rights. Unnamed stream #1 - 1.5 A.F. Pond #1 Unnamed stream #3 - 1 A.F. Pond #2 Unnamed stream #2 - 1.5 A.F. Pond #1 Unnamed stream #4 - 1 A.F. Pond #2

1. The name of the stream from which the reservoir is to be filled is with an dification made up from Cow Creek tributary to South Umpqua River

2. If not in channel of a stream, state how it is to be filled. Water to be pumped from Cow Creek if streams 1, 2, 3 & 4 will not fill ponds.

3. The dam will be located in the #2 NE SW 1/4 of the SW 1/4 of Section 33, Township 31 S, Range 4 W, W. M. #1 - 7.5

4. The maximum height will be #2 - 6.0 feet above stream bed or ground surface at the centerline. The top width will be #2 - 8 feet, slope of upstream face 3:1, slope of downstream face 2:1, and height of dam above water line when full 2.5 feet.

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

6. Give the location, description, and dimensions of the outlet conduit: Partially dug ponds, no conduit. (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)

Application No. R-56899

Permit No. R 7255

7. The impounded water will be used for Irrigation

1 - 3 A.F.

8. The amount of water to be stored is # 2 - 2 A.F. Total 5 acre feet.

1 - 1 A

9. The area submerged by the reservoir, when full, will be # 2 - .5 A acres,

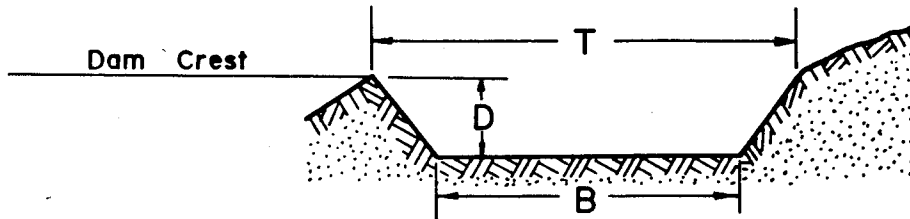
1 - 15

and the maximum depth of water will be # 2 - 10 feet.

1 - in native earth at SW side of dam.

10. Give the location and dimensions of the spillway # 2 - ditch through center of dam.

(State whether over or around dam)



1 - 4.0

The bottom width of the spillway, B, will be # 2 - 3.0 feet.

1 - 6.0

The top width of the spillway, T, will be # 2 - 4.0 feet.

The distance between the crest of the dam and the crest of the spillway, D, will be 2 1/2 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 1-1-78

12. Construction work will be completed and the reservoir filled by 1-1-79

Remarks: Streams 1, 2, 3 & 4 are seasonal streams and

it may be necessary to fill the ponds from cow cr.

during extremely dry years.

THIS APPLICATION PREPARED BY:

Francis P. Appell

FROM INFORMATION FURNISHED BY
THE APPLICANT.

X. Myrlan Zussan
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

5th day of December, 19.77, at 8:00 o'clock ... A.M.

Application No. *R-56899*

Permit No. *R 7255*

U 3522

Application No. R-56899

Permit No. R 7255

11 3522

**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 two reservoirs and storage of water from 4 unnamed streams, with any deficiency in the available supply from the 4 unnamed streams to be made up by diversion from Cow Creek; being 3.0 a.f. in Reservoir #1, and 2.0 a.f. in Reservoir #2, to be appropriated under application No. 56900, permit No. 43055, for irrigation.

The right hereunder shall be limited to the storage of 5.0 acre feet.

The priority date of this permit is December 5, 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

James E. Larson
Water Resources Director