

Application No. R-58176

Permit No. R 7800

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WATER RESOURCES DE
SALEM, OREGON

STATE OF OREGON WATER RESOURCES DEPARTMENT

Application for a Permit to Construct a Reservoir

I, Leonard D. Terry
(Name of Applicant)

of Box 41 A Cow Cr. Rd., Azalea
(Mailing Address) (City)

State of Oregon, 97410, Phone No. 837-3350
(Zip Code)

do hereby make application for a permit to construct ~~the~~ 5 unnamed reservoirs
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 3 unnamed streams
(Streams 2, 3 & 4) tributary to Cow Creek

2. If not in channel of a stream, state how it is to be filled. (in channel)
Ponds 1, 2 & 3 in channel of stream #2; Pond 4 in stream #3; Pond 5 in stream #4

3. The dam will be located in the SOUTH HALF of the SOUTH WEST 1/4 of Section 28,
Township 31 SOUTH, Range 4 WEST, W. M.

4. The maximum height will be _____ feet above stream bed or ground surface at the
centerline. The top width will be _____ feet, slope of upstream face _____,
slope of downstream face _____, and height of dam above water line when full
_____ feet.

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

6. Give the location, description, and dimensions of the outlet conduit: Pond #3 will
have 2' outlet placed Bottom of Pond plus spillway.
(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.)
Ponds #4 & 5 will have spillways, water will be
delivered by Ditch or Pipe to Pond #3

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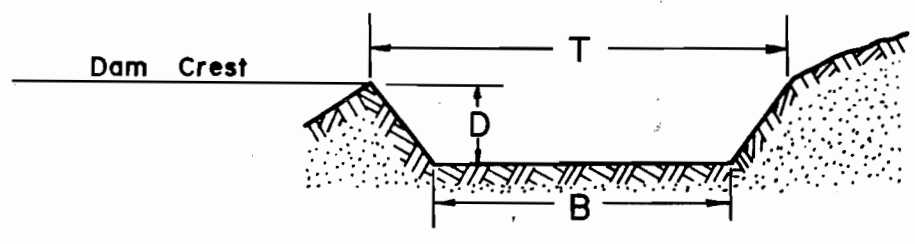
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7. The impounded water will be used for Irrigation

8. The amount of water to be stored is 2.0 acre feet.

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

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



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

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

The distance between the crest of the dam and the crest of the spillway, D, will be _____ feet. (Must be at least 2½ feet)

If any other type of spillway describe and give dimensions:

11. Construction work will begin on or before October 1, 1979

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

Remarks: _____

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	Pond #1	Pond #2	Pond #3	Pond #4	Pond #
Item #3 Location by quarter-quarter section within Sec. <u>28</u> , Tp. <u>31S</u> , R. <u>4W</u>	NW $\frac{1}{4}$ SW $\frac{1}{4}$	NW $\frac{1}{4}$ SW $\frac{1}{4}$	NW $\frac{1}{4}$ SW $\frac{1}{4}$	SE $\frac{1}{4}$ NW $\frac{1}{4}$	SE $\frac{1}{4}$ N
Item #4 Maximum height of dam	8'	10'	10'	10'	10'
Width on top of dam	9'	10'	10'	10'	10'
Slope on front (feet horizontal to 1 foot vertical)	2:1	2:1	2:1	2:1	2:1
Slope on back (feet horizontal to 1 foot vertical)	3:1	3:1	3:1	3:1	3:1
Distance between top of dam and water line when reservoir's full	2 $\frac{1}{2}$ '	2 $\frac{1}{2}$ '	2 $\frac{1}{2}$ '	2 $\frac{1}{2}$ '	2 $\frac{1}{2}$ '
Item #6 Outlet			6 in 8" pipe.		
Item #7 Uses to be made of impounded water and amount stored for each use	IRRIG.	IRRIG	IRRIG.	IRRIG.	IRRIG
Item #8 Capacity of each reservoir in acre feet	.15 AF	.4 AF	.85 AF	.3 AF	.3 AF
Item #9 Area to be submerged by reservoirs	.06 ac.	.12 ac.	.23 ac.	.09 ac.	.09 ac.
Maximum depth of reservoirs	6'	8'	9'	8'	8'
Item #10 Top width of spillway (T)	18" culvert	17'	17'	24'	17'
Bottom width of spillway (B)		12'	12'	16'	12'
Depth of spillway (D)		2 $\frac{1}{2}$ '	2 $\frac{1}{2}$ '	2 $\frac{1}{2}$ '	2 $\frac{1}{2}$ '

Remarks:

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Applicant's
 Signature: Leonard D Terry

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x *Leonard D. Terry*
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..... completion.....

In order to retain its priority, this application must be returned to the Water Resources Director with corrections on or before..... April 6,....., 19...79.....

WITNESS my hand this ...6th..... day of ...February,....., 19...79.....

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

By *Ves Garner*
Ves Garner

This instrument was first received in the office of the Water Resources Director at Salem, Oregon, on the *10th* day of *December*, 19...*78*....., at *8:00* o'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**

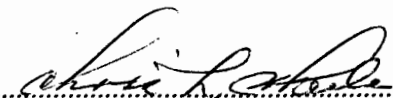
*This is to certify that I have examined the foregoing application and do hereby grant the same subject to the following limitations and conditions. The right herein granted is limited to the construction of ...five.....
.....reservoirs and storage of water from three unnamed streams to be appropriated.....
.....under application No. 58177, permit No. 43944 for irrigation, being 0.15 acre feet
.....in Reservoir No. 1, 0.4 acre feet in Reservoir No. 2, 0.85 acre feet in Reservoir
.....No. 3 from stream No. 2; 0.3 acre feet in Reservoir No. 4 from stream No. 3, and
.....0.3 acre feet in Reservoir No. 5 from stream No. 4.....*

The right hereunder shall be limited to the storage of2.0..... acre feet.

The priority date of this permit isDecember 12, 1978.....

*Actual construction work shall begin on or beforeMarch 20, 1980..... and
shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1,
19.80.....*
Extended to Oct. 1 1981

WITNESS my hand this20th..... day ofMarch....., 19.79.....


.....
DEPUTY Water Resources Director