

Application No. P-57536

Permit No. P. 7512

STATE OF OREGON WATER RESOURCES DEPARTMENT

Application for a Permit to Construct a Reservoir

RECEIVED

JUN 19 1978

WATER RESOURCES DEPT  
SALEM, OREGON

I, Paul K. Cahill  
(Name of Applicant)

of Rt 1 Box 65 Baker  
(Mailing Address) (City)

State of Oregon, 97814, Phone No. 503-523-3087  
(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 Cavin Springs  
tributary to unnamed stream

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

3. The dam will be located in the NW 1/4 of the SE 1/4 of Section 6,  
Township 9S, Range 39E, W. M.

4. The maximum height will be 10 feet above stream bed or ground surface at the  
centerline. The top width will be 8' feet, slope of upstream face 3:1,  
slope of downstream face 2:1, and height of dam above water line when full  
2 1/2 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: 10" 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)

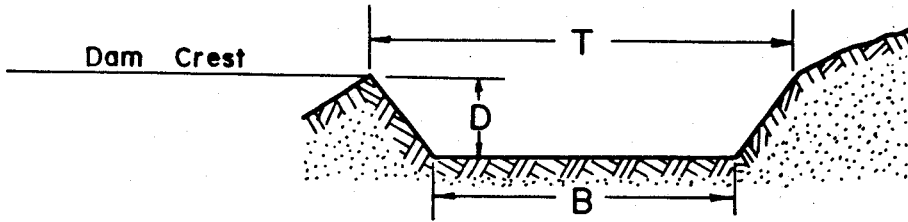
Application No. P-57536 Permit No. P. 7512

7. The impounded water will be used for supplemental irrigation

8. The amount of water to be stored is 4 acre feet.

9. The area submerged by the reservoir, when full, will be 1.5 acres, and the maximum depth of water will be 8 feet.

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



The bottom width of the spillway,  $B$ , will be 8 feet.

The top width of the spillway,  $T$ , will be 10 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 1/2 feet)

If any other type of spillway describe and give dimensions:

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

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

Remarks:

RECEIVED

*Paul Cahill*  
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*

*19<sup>th</sup> day of June, 1978, at 8:00 o'clock A.M.*

*Application No. R-57536*

*Permit No. R 7512*

Application No. R-57536

Permit No. R 7512

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

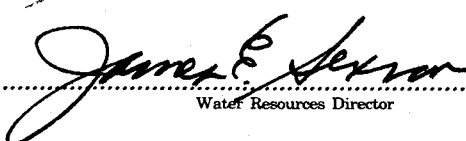
*This is to certify that I have examined the foregoing application and do hereby grant the same subject to the following limitations and conditions. The right herein granted is limited to the construction of ..a reser-  
..voir..and..storage..of..water..from..Cavin..Springs..Stream..to..be..appropriated..under..appli-  
..cation..No..57537, permit.No., 43183 for irrigation.*

*The right hereunder shall be limited to the storage of .....4.0..... acre feet.*

*The priority date of this permit is .....June 19, 1978.....*

*Actual construction work shall begin on or before .....July 25, 1979..... and  
shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1,  
19.....80.....*

*WITNESS my hand this ..... day of ....., 19.....*

  
.....  
Water Resources Director