

Application No. R-57010

Permit No. R 6710

STATE OF OREGON WATER RESOURCES DEPARTMENT

Application for a Permit to Construct a Reservoir

I, James Hart, District Manager (Name of Applicant)

of the Roseburg Office of the BLM, 777 N.W. Garden Valley Blvd., Roseburg (Mailing Address) (City)

State of Oregon, 97470, Phone No. 672-4491 (Zip Code)

do hereby make application for a permit to construct the Vanguard 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 Judd Creek (upper tributary) tributary to main Judd Creek

2. If not in channel of a stream, state how it is to be filled. to be filled from seeps and weeps above the dam, and from a collecting basin installed in another upper tributary of Judd Creek and piped to the pond site.

3. The dam will be located in the S1/2SW1/4, Sec. 4 and N1/2NW1/4, Sec. 9 of the 1/4 of Section Township 30 South, Range 6 West, W. M.

4. The maximum height will be 33 feet above stream bed or ground surface at the centerline. The top width will be 18 feet, slope of upstream face 3=1, slope of downstream face 2=1, and height of dam above water line when full 6 feet.

5. The dam will be (check one) [X] earthfill, concrete, flashboard, other. If "other", give description: N.A.

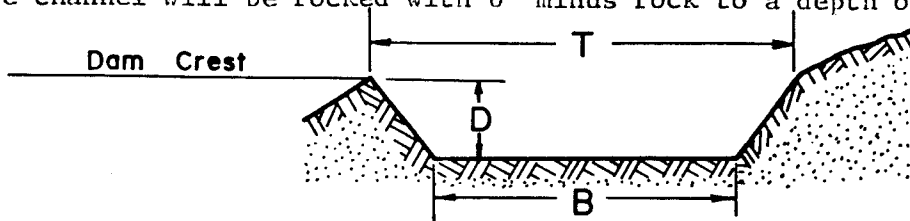
6. Give the location, description, and dimensions of the outlet conduit: Projecting 18" and 24" corrugated metal pipes (CMP) to be installed through the dam. 24" x 45' will be installed at elevation 94' to invert, 13" x 45' will be installed at elevation 95' to invert. Crest of the dam is elevation 100' ft. Pipes will be located at approximate L-station 1+20 (see plan of dam). Sixty feet of half-round pipe will be attached to each pipe. The discharge channel will also be lined with rock.

7. The impounded water will be used for processing rock surfacing, fire control, and forest management, and should be considered as a source of replenishment for the tank trucks which will remove the water.

8. The amount of water to be stored is 34½ acre feet.

9. The area submerged by the reservoir, when full, will be 2½ acres, and the maximum depth of water will be 22½ feet.

10. Give the location and dimensions of the spillway The spillway will be ~~over~~ ^{around} the dam and through natural ground. The spillway will be lined with 6" ^(State whether over or around dam) minus rock, one-foot deep; the discharge channel will be rocked with 6" minus rock to a depth of one-foot.



The bottom width of the spillway, B, will be 9 feet.

The top width of the spillway, T, will be 16 feet.

The distance between the crest of the dam and the crest of the spillway, D, will be 3 feet. (Must be at least 2¼ feet)

If any other type of spillway describe and give dimensions:

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11. Construction work will begin on or before May 15, 1980

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

Remarks: This work will be accomplished under a timber sale contract which will have a duration of three years from the date of the sale. The timber sale purchaser has the option of performing this construction within the above specified time period.

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James E. Hart
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..... correction and completion

In order to retain its priority, this application must be returned to the Water Resources Director with corrections on or before..... August 8....., 19.. 77.....

WITNESS my hand this 7th day of June , 19. 77.....

James E. Sexson Water Resources Director

By *Vestal R. Garner*
Vestal R. Garner

This instrument was first received in the office of the Water Resources Director at Salem, Oregon, on the
..... day of *May* , 19. *77* , at *8:00* o'clock *A* .M.

Application No. *R-5701D*

Permit No. *R 6710*

RECEIVED
JUN 17 1977
WATER RESOURCES DEPT
SALEM OREGON

Application No. R-57010

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11 (2140)

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

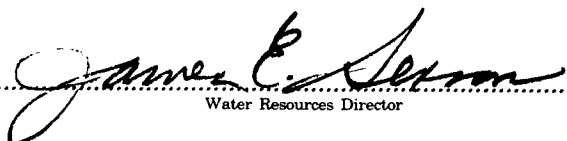
This is to certify that I have examined the foregoing application and do hereby grant the same subject to the following limitations and conditions. The right herein granted is limited to the construction of Vanguard Reservoir and storage of water from two unnamed streams to be appropriated under application No. 55998, permit No. 42386 , for Forest Management, and the dam shall be constructed under the supervision of a professional registered engineer.

The right hereunder shall be limited to the storage of 34.5 acre feet.

The priority date of this permit is May 31, 1977

Actual construction work shall begin on or before January 4, 1979 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1979

WITNESS my hand this ...4th..... day ofJanuary....., 1978.....


Water Resources Director