

Application No. R-57142

Permit No. R 7015

STATE OF OREGON WATER RESOURCES DEPARTMENT

Application for a Permit to Construct a Reservoir

I, William L. Smith, President of Brooks Resources Corporation
(Name of Applicant)

of 416 NE Greenwood Avenue, Bend
(Mailing Address) (City)

State of Oregon, 97701, Phone No. (503)382-1662
(Zip Code)

do hereby make application for a permit to construct the Mitchell Ranch 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 Bear Creek
tributary to Bridge Creek

2. If not in channel of a stream, state how it is to be filled. The reservoir is to be
filled by an open channel - closed conduit arrangement with the
diversion point located upstream to insure gravity - flow.
dams

3. The ~~dam~~ will be located in the NE $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Section 25,
Township 10 South, Range 20 East, W. M.

4. The maximum height will be 39.1 feet above stream bed or ground surface at the
centerline. The top width will be 95 feet, slope of upstream face 3:1,
slope of downstream face 2:1, and height of dam above water line when full
~~10.1~~ 15.1 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: Outlet conduit to be
18 inch asphalt - coated corrugated steel pipe through Dam #1
(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)
with grated inlet and slide gate. (See Plans)

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MAR 8 1978

WATER RESOURCES DEP
SALEM, OREGON

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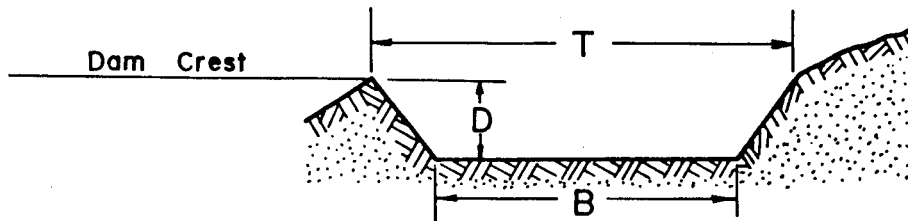
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7. The impounded water will be used for irrigation

8. The amount of water to be stored is ~~528~~ 310 acre feet.

9. The area submerged by the reservoir, when full, will be ~~48.5~~ 34.4 acres,
and the maximum depth of water will be ~~33~~ 22 feet.

10. Give the location and dimensions of the spillway around westerly abutment of Dam #2.
(State whether over or around dam)



The bottom width of the spillway, B, will be ~~25.0~~ 15.0 feet.

The top width of the spillway, T, will be 45.2 feet.

The distance between the crest of the dam and the crest of the spillway, D, will be ~~30.7~~ 15.1 feet.
(Must be at least 2 1/4 feet)

If any other type of spillway describe and give dimensions:

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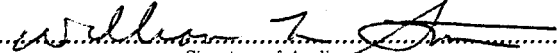
11. Construction work will begin on or before April 15, 1978

12. Construction work will be completed and the reservoir filled by July 1, 1978

Remarks: Mr. Gary Oberholtzer of the Water Resources Department
has made an on-site investigation of the proposed reservoir
location.

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BROOKS RESOURCES CORPORATION

By 
William L. Smith, President

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

8 day of MARCH, 19 78, at 10:30 o'clock A.M.

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R 512

**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 Mitchell Ranch Reservoir and storage of water from Bear Creek to be appropriated under application No. 57143, permit No. 42833.

The right hereunder shall be limited to the storage of 310.0 acre feet.

The priority date of this permit is March 8, 1978

Actual construction work shall begin on or before April 12, 1979 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 19 80

WITNESS my hand this 12th day of April , 19 78

James E. Larson
Water Resources Director

*ok
Gay*