

SEPT 17 1951

STATE OF OREGON
DEPARTMENT OF AGRICULTURE
BUREAU OF WATER RESOURCES
OFFICE OF THE STATE ENGINEER
SALEM, OREGON
APPLICATION FOR PERMIT TO CONSTRUCT A RESERVOIR AND TO
STORE THE UNAPPROPRIATED WATERS OF THE STATE OF OREGON
SUBJECT TO EXISTING RIGHTS

I, JOHN W. VIGORAN
of Washington Beach, Oregon
do hereby make application for a permit to construct the
following described reservoir and to store the unappropriated waters of the State of Oregon, subject to
existing rights.

State of Oregon
If the applicant is a corporation, give date and place of incorporation

1. The name of the proposed reservoir is Brewer Reservoir

2. The name of the stream from which the reservoir is to be filled and the appropriation made is
Hay Creek, a
tributary of Mount Creek, a tributary of the Deschutes River

3. The amount of water to be stored is 600 supplemental acre feet.

4. The use to be made of the impounded water is irrigation

5. The location of the proposed reservoir will be in Sec. 21, 22, 27 and 28
T_{p.} 11 S., R. 15 E., W. M., in the county of Jefferson

(a) State whether situated in channel of running stream and give character of material at outlet
situated in stream channel which is a gravelly, clay loam

(b) If not in channel of running stream, state how it is to be filled. If through a feed canal, give
name and dimensions

6. The dam will be located in NW 1/4 of the SW 1/4 Sec. 22
T_{p.} 11 S., R. 15 E., W. M. The maximum height will be 32 feet above stream bed or ground
surface on center line of dam. The length on top will be 700 feet; length on
bottom 300 feet; width on top 20 feet; slope of front
of water side 2:1; slope on back 2:1; height of dam above water line
when full 5 feet.

* A different form of application should be used for the appropriation of stored water to beneficial use. Such forms can be secured
without charge, together with instructions, by addressing the State Engineer, Salem, Oregon.

...method of protection from
 ...of concrete to be built and method of protection from
 ...dam position will be a concrete earth fill
 ...the upstream face and cut-off
 ...material will be installed in narrow
 ...exposed to wave action. The
 ...material will be of classified impervious material.
 ...the embankment will be a stable pervious
 ...at the foundation under the downstream fill.

8. The location of spillway with dimensions are as follows: The spillway is a rip-rapped
 channel over the west wing of the dam with 25 ft. bottom width and a
 minimum slope of 1%. Maximum anticipated water depth is 3.5 ft.

9. The location of outlet from the proposed reservoir with character of construction and dimensions
 extension of existing outlet with 24" asphalt-dipped corrugated
 pipe. New concrete headwalls to be provided at inlet
 and outlet with cut-off walls in the fill. New Gates No. 108-C-1,
 60 ft. head outlet gate will be installed in a aligned position with
 gate lift at the edge of the crest. The stem will be housed in an oil-
 filled casing housed in the embankment.

10. The area submerged by the proposed reservoir, when full, will be 105.2 acres,
 with a maximum depth of water of 27 feet; and approximate mean depth of water
 10.7 feet.

- 11. The estimated cost of the proposed work is \$ 28,000.
- 12. Construction work will begin on or before Sept. 30, 1951
- 13. Construction work will be completed on or before Dec. 31, 1951

[Signature]
 (Name of applicant)

STATE OF OREGON
 STATE OF OREGON
 County of Marion,

This is to certify that I have examined the foregoing application, together with the accompanying
 maps and data, and return the same for correction or completion as follows:

In order to retain its priority, this application must be returned to the State Engineer, with cor-
 rections, on or before

WITNESS my hand this 10 day of 1951

STATE ENGINEER
 STATE ENGINEER

STATE OF OREGON,
County of Marion,

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 enlargement of Reservoir Reservoir and the storage of water for irrigation, appropriated under Application No. 20620, Permit No. 21426 for irrigation.

The right hereunder shall be limited to the storage of 900 acre feet.

The priority date of this permit is July 20, 1951 for 760 acre feet, September 12, 1951 for 120 acre feet.

Actual construction work shall begin on or before September 30, 1952

and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1952.

WITNESS my hand this 30th day of September 1952

[Signature]
STATE ENGINEER

1078

Application No. **226227**
Reservoir Permit No. **DR 1326**

PERMIT

To construct a reservoir and sumps for benefit of
official users of the appropriated waters of the
State of Oregon.

This instrument was first received in the
office of the State Engineer at Salem, Oregon,
on the **22nd** day of **July**,
19 **51**, at **10:20** o'clock **P.M.**

Approved:

September 30, 1951
Recorded in Book No. **1376** of
Reservoirs, ion Page **5**

CHAS. A. E. BURCHFIELD
STATE ENGINEER

Drainage Basin No. **105** page **4**

Fees Paid **\$22.80**
State Printing Dept. 11