

Reservoir Permit No. 2162

Application for a Permit to Construct a Reservoir and to Store for Beneficial Use the Unappropriated Waters of the State of Oregon

I, Willow Valley Irrigation District, (Name of Applicant)

of c/o Lloyd Gift, Lorella Route, Bonanza, (Mailing Address)

State of 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.

If the applicant is a corporation, give date and place of incorporation. Irrigation District established December 1st., 1917, by Klamath County Court.

1. The name of the proposed reservoir is Bumphead Reservoir. See Permit R-981.

2. The name of the stream from which the reservoir is to be filled and the appropriation made is an unnamed dry wash, a tributary of the North or East Fork of Lost River, tributary of Tule Lake.

3. The amount of water to be stored is 500 acre feet.

4. The use to be made of the impounded water is irrigation. (Irrigation, power, domestic supply, etc.)

5. The location of the proposed reservoir will be in Secs 30 and 31, (Give sections or townships to be submerged)

Tp. 40 S., R. 14 E., W. M., in the county of Klamath

(a) State whether situated in channel of running stream and give character of material at outlet in channel of running stream on hard pan and rock.

(b) If not in channel of running stream, state how it is to be filled. If through a feed canal, give name and dimensions partially through feed canal herein applied for. Bottom 10.0, depth 2.0, water surface 18.0.

6. The dam will be located in NE 1/4 SW 1/4, Sec. 31 (Smallest legal subdivision)

Tp. 40 S., R. 14 E., W. M. The maximum height will be 22 feet above stream bed or ground surface on center line of dam. The length on top will be 765 feet; length on bottom 200 feet; width on top 12.0 feet; slope of front or water side 3:1 & 2 1/2:1; slope on back 2:1; height of dam above water line when full 4.0 feet. (Feet horizontal to 1 vertical)

* 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.

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: earthen fill with one foot of loose rock rip-rap.

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8. The location of wasteway with dimensions are as follows: waste way will be around
(State whether over or around the dam)
easterly and with a minimum of 40 feet of masonry spill-way lip two feet high.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: outlet will be through the dam in a 24 inch Armocebestos
(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.)
bonded and dipped culvert with Model #101 Calco Gate at upper end.

10. The area submerged by the proposed resevoir, when full, will be 125 acres,
with a maximum depth of water of 17.0 feet; and approximate mean depth of water 5.6 feet.

11. The estimated cost of the proposed work is \$ 3000.00

12. Construction work will begin on or before Dam constructed under application No. R-22975, Permit R-981.

13. Construction work will be completed on or before Dam constructed.

Willow Valley Irrigation District
(Signature of applicant)

BY William F. Hester
Engineer.

STATE OF OREGON, }
County of Marion, } ss.

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 State Engineer, with corrections, on or before, 19.....

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

STATE ENGINEER

...Application 31309...
...will provide better control...
...of the East or North Park of...

STATE OF OREGON, }
County of Marion, } ss.

This is to certify that I have examined the foregoing application and do hereby grant the same, storage subject to the following limitations and conditions: The right herein granted is limited to the ~~amount~~ of the waters of an unnamed dry wash in Bumhead Reservoir constructed under Permit No. R-981 to be appropriated under Application No. 31309, Permit No. 25660 for supplemental irrigation.

The right hereunder shall be limited to the storage of 500.0 acre feet.

The priority date of this permit is February 6, 1957

Actual construction work shall begin on or before November 20, 1959 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1960.

WITNESS my hand this 20th day of November, 1958.

Lewis A. Stanley
STATE ENGINEER

R-31350
Application No. ~~R-31350~~
Reservoir Permit No. R-2162

PERMIT

To construct a reservoir and store for beneficial use the unappropriated waters of the State of Oregon.

This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 6th day of February, 1957, at 9.45 o'clock A. M.

Returned to applicant:

Approved:

November 20, 1958
Recorded in Book No. 8 of
Reservoirs, on Page 2162.

LEWIS A. STANLEY
STATE ENGINEER

Drainage Basin No. 14 page 162

\$ 19.00