

* Reservoir Permit No. 2631

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

Willow Valley Irrigation District, c/o Lloyd Gift,
(Name of Applicant)

of Bonanza, Lorelia Route, Klamath County,
(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 by order of the County Court of Klamath County, on Dec. 1, 1917.

1. The name of the proposed reservoir is Willow Valley Reservoir.

2. The name of the stream from which the reservoir is to be filled and the appropriation made is West Fork of Lost River (sometimes called Antelope Creek) tributary of Tule Lake.

3. The amount of water to be stored is 2038 ~~acres~~ 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 Sec. 12 (See Ap. R-22973, Per. R-979) ^{12 E 13 T. 41 S. R. 14 E. 10 N. & Sec. 7, 12, 13, 14, 15, 16, 17, 18, 19, 20} Tp. 41 S., R. 14 E., W. M., in the county of Klamath
(Give sections or townships to be submerged)

(a) State whether situated in channel of running stream and give character of material at outlet
In channel of running stream. Material at outlet level - pebbles 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

6. The dam will be located in SE 1/4 Sec. 13, T. 41 S. R. 14 E. 10 N. 12 ^{SW 1/4 - SW 1/4 Sec. 12} (Smallest legal subdivision) Sec. 12 ^{10 1/2 - NW 1/4 Sec. 12}
Tp. 41 S., R. 14 E., W. M. The maximum height will be 31 feet above stream bed or ground surface on center line of dam. The length on top will be 2950 feet; length on bottom 225 feet; width on top 125 feet; slope of front or water side 3:1; slope on back 2:1 & 1/2:1; height of dam above water line when full 50 feet.
(Feet horizontal to 1 vertical) (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: (See Sp. R-22973, Per. R-979). *Killed earth fill*

8. The location of wasteway with dimensions are as follows: (See Sp. R-22973, Per. R-979). (State whether over or around the dam) *See details of proposed new*

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: (See Sp. R-22973, Per. R-979). (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.) *Trapezoidal 18"*

10. The area submerged by the proposed reservoir, when full, will be *725* acres, with a maximum depth of water of *30.0* feet; and approximate mean depth of water *15.3* feet.

11. The estimated cost of the proposed work is \$ *1500.00*.

12. Construction work will begin on or before *Oct. 1, 1959*.

13. Construction work will be completed on or before *Oct. 1, 1960*.

Willow Valley Irrigation District,
(Signature of applicant)

By _____
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 *completion*

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before *January 12, 1959*

June 6, 1961

WITNESS my hand this *12th* day of *November*, 19*59*
6th day of March, 1961

LEWIS A. STANLEY
STATE ENGINEER

By *Chris L. Wheeler* *James W. Carver, Jr.*
Chris L. Wheeler ASSISTANT
James W. Carver, Jr.
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Remarks: By increasing the depth and capacity of the reservoirs, we will increase the supply available to the lands during dry cycles, thereby reducing the evaporation loss and by increasing the hold over storage at the end of each season.

It is proposed to increase the storage by the construction of reinforced concrete piers in the spillway with 4" x 6" flash boards between. The flash boards to be placed one at a time after danger of floods is over and with the permission of the District Water Master.

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

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~~ ~~enlargement~~ enlargement of Willow Valley Reservoir and storage of water from East Fork of Lost River to be appropriated under application No. 31862, permit No. 27387 for irrigation and supplemental irrigation, and the dam shall be constructed under the supervision of a registered professional engineer.

The right hereunder shall be limited to the storage of an additional 2038.0 acre feet.

The priority date of this permit is July 3, 1961

Actual construction work shall begin on or before August 11, 1962 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1963.

WITNESS my hand this 11th day of August, 1961

Lewis A. Stanley
STATE ENGINEER

Application No. *R-31860*
Reservoir Permit No. *R-2631*

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 day of, 19*57*, at *8:00* o'clock *A.M.*

Returned to applicant:

November 12, 1959

Approved:

August 11, 1961
Recorded in Book No. *10* of
Reservoirs, on Page *2631*

LEWIS A. STANLEY
STATE ENGINEER

Drainage Basin No. *14* page *16F*

Fees