

Reservoir Permit No. 1677

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

I, The North Unit Irrigation District (Name of Applicant)

of Madras County of Jefferson (Mailing Address)

State of Oregon does 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 An irrigation district organized under the laws of the State of Oregon on the 20th day of March, 1916.

1. The name of the proposed reservoir is Wickiup Reservoir

2. The name of the stream from which the reservoir is to be filled and the appropriation made is Deschutes River tributary of Columbia River

3. The amount of water to be stored is 200,000 acre feet.

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

5. The location of the proposed reservoir will be in Sec. 21 & 22 S. 2 E., W. M., in the county of Deschutes (Give sections or townships to be submerged)

(a) State whether situated in channel of running stream and give character of material at outlet channel of Deschutes River. Outlet works in lava rock with an overburden of soil.

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

The left end of the dam begins in NW 1/4, Sec. 21, T. 21 S. 6. The dam will be located in E. 2 E., W. M., Sec. 21 & 22 S. 6 E. in the NE 1/4, Sec. 7, T. 22 S., R. 2 E., W. M. The maximum height will be 120 feet above stream bed or ground surface on center line of dam. The length on top will be 14.15 feet; length on bottom variable feet; width on top 20 feet; slope of front or water side 3 to 1; slope on back 2 to 1 with riprap; height of dam above water line when full 11 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.

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7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: Rock faced, earth fill with riprap.

8. The location of wasteway with dimensions are as follows: (State whether over or around the dam)  
Open rock cut, north end of east dike with capacity of 5,000 cubic feet per second of time.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: Right side - two ring follower emergency gates, each 96 inches and two tube valves each 90 inches in diameter.  
(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.)

10. The area submerged by the proposed reservoir, when full, will be 13,640 acres, with a maximum depth of water of variable feet; and approximate mean depth of water variable feet.

- 11. The estimated cost of the proposed work is \$ 14,000,000
- 12. Construction work will begin on or before completed
- 13. Construction work will be completed on or before completed

North Unit Irrigation District  
(Signature of applicant)

F. Leland Brown, Its Attorney

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

Remarks: Wickiup Reservoir and the distribution system for the application of the water is stored therein and was constructed by the United States, pursuant to the Federal Reclamation Laws (Act of June 17, 1902, 32 Stat. 388, and acts amendatory thereof or supplementary thereto) under contracts entered into between this applicant and the United States, the application or permit will be assigned by the applicant to the United States pursuant to the provisions of the repayment contract.

The provisions under "Remarks" set forth in application 24921 by this reference are hereby incorporated in this application the same as if fully set out herein.

Maps of the proposed reservoir and storage works, prepared in accordance with the rules of the State Engineer, accompany the original application. The Rules and Regulations of State Engineer governing the preparation and filing of plans and specifications of dams and the approval thereof, are not applicable to dams and reservoir such as this, constructed by the Bureau of Reclamation. See also Exhibits "A", "B", "C" and "D" filed with application 24921 which are not a part of this application.

This amends the application filed June 27, 1950.

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 of Wickiup Reservoir and the storage of water from the Deschutes River to be appropriated under Application No. 24921, Permit No. 23196 for irrigation and domestic uses and this permit is issued subject to the terms and conditions of the State Engineers Orders dated January 20, 1955 and February 4, 1955.

The right hereunder shall be limited to the storage of 200,000.0 acre feet.

The priority date of this permit is February 28, 1913

Actual construction work shall begin on or before ~~February 28, 1956~~ March 8, 1956 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1959.

WITNESS my hand this 23<sup>rd</sup> day of March 1955

Lewis A. Stanley  
STATE ENGINEER

Application No. *R 24920*  
Reservoir Permit No. *R 1677*

**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 *26th* day of *June*, 19*50*, at *5:20* o'clock *P.* M.

Amendment Filed August 18, 1954  
Returned to applicant:

Approved:

March *6*, 1955  
Recorded in Book No. *6* of  
Reservoirs, on Page *1677*

*LEWIS A. STANLEY*  
STATE ENGINEER

Drainage Basin No. *5* page *14*

*Fee paid \$ 299.00*