

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

JORDAN VALLEY IRRIGATION DISTRICT, assignee of Jordan Valley Land & Water Company,
(Name of Applicant)

of Jordan Valley, County of Malheur
(Postoffice)

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. A Municipal Corporation organized in 1922 under irrigation district laws.

1. The name of the proposed reservoir is Antelope Reservoir

2. The name of the stream from which the reservoir is to be filled and the appropriation made is Jack, Antelope and Jordan Creeks.

tributary of Jack Creek and Antelope Creek are tributaries to Jordan Creek. Jordan Creek is tributary to Owyhee River.

3. The amount of water to be stored is 70,000 acre feet.

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

5. The location of the proposed reservoir will be in Sec. 27, 28, 29, 32, 33, 34, Tp. 30 S.,
(Give sections or townships to be submerged)
R. 45 East, and Sections 3, 4, 5, 6, 7, 8, 9, 10, 15, 16, 17, 18, Tp. 31 S., R. 45 E.

(a) State whether situated in channel of running stream and give character of material at outlet
Located in channel of Jack Creek, which runs water only a few days during each spring.

Outlet is reinforced concrete conduit running through base of dam and resting on solid foundation.

(b) If not in channel of running stream, state how it is to be filled. If through a feed canal, give name and dimensions Reservoir to be supplied from Jack and Antelope Creeks directly and through the Feeder Canal from Jordan Creek indirectly. Dimensions of Feeder Canal are: Bottom, 35.0' Water depth, 5.0' Capacity 350 Sec. ft.

6. The dam will be located in NW 1/4 SE 1/4, Sec. 32,
(Smallest legal subdivision)
Tp. 30 S., R. 45 E., W. M. It will be 80 feet in height,
(No. N. or S.) (No. E. or W.)

* 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.

having a length on top of 870 feet; length on bottom 400 feet; width on top (3 to 1) ^{2 to 1} feet; slope of front or water side (2 to 1) ^{2 to 1} (Feet horizontal to 1 vertical); slope on back (8) ^{2 to 1} (Feet horizontal to 1 vertical); height of dam above water line when full 8 feet.

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: Earth embankment spread in 6" layers sprinkled and rolled. Material is a high grade soil of good weight and texture without organic matter but with sufficient fines and clayey material for binding. 18 inches hand placed riprap on face. Puddled core wall beneath center and ten feet in from upstream face.

8. The location of wasteway with dimensions are as follows: Around north side of dam located in solid rock. Dimensions of spillway: Depth 5 ft. Width 50 ft. Slope 1 ft. per 100 (State whether over or around the dam)

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: Reinforced concrete conduit located in solid rock through base of dam. 5 ft. high by 4 ft. wide horseshoe cross section. (State whether through or around the proposed dam)

10. The area submerged by the proposed reservoir, when full, will be 3260 acres, with a maximum depth of water of 80 feet; and approximate mean depth of water 50 feet.

11. The estimated cost of the proposed work is \$ 200,000.00

12. Construction work will begin on or before _____ has already been started.

13. Construction work will be completed on or before 10 years.

Duplicate maps of the proposed reservoir and storage works, prepared in accordance with the rules of the State Water Board, accompany this application.

JORDAN VALLEY IRRIGATION DISTRICT.
(Name of applicant)

By C. E. Lanning, Pres.

W. S. Bruce.

Signed in the presence of us as witnesses:

(1) _____, _____
(Name) (Address of witness)

(2) _____, _____
(Name) (Address of witness)

Application No. 2886

Reservoir Permit No. R-664

PERMIT

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

District No.

This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 14th day of April, 1913, at 8:00 o'clock A.M.

Returned to applicant for correction:

Corrected application received:

Approved:

June 26, 1953

Recorded in Book No. 3 of Reservoirs, on Page 664

CHAS. E. STRICKLIN
State Engineer.

\$178.00