

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

I, C. W. Kunz (Name of Applicant)

of Route 2, Dayton, Oregon (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

1. The name of the proposed reservoir is Kunz Dam

2. The name of the stream from which the reservoir is to be filled and the appropriation made is Martin Creek

tributary of Yamhill River

3. The amount of water to be stored is Forty-Five 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. Portion of SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 6
(Give sections or townships to be submerged)

Tp. 4 South, R. 3 West, W. M., in the county of Yamhill

(a) State whether situated in channel of running stream and give character of material at outlet
Stream running 11 months out of year.

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

PL. Southeast
6. The dam will be located in Southwest $\frac{1}{4}$, Sec. 6
(Smallest legal subdivision)

Tp. 4 South, R. 3 West, W. M. The maximum height will be 25 feet above stream bed or ground surface on center line of dam. The length on top will be 216 feet; length on bottom 30 feet; width on top 15 feet; slope of front or water side 3.0:1.0; slope on back 2.5:1.0; height of dam above water line when full 4 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: Earth (high content of clay)

8. The location of wasteway with dimensions are as follows: Around West End
(State whether over or around the dam)
of dam. Concrete spillway 4 ft. high by 12 ft. wide
cut through original ground.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: 15" asphalt covered corrugated pipe with Armco
(State whether through or around the proposed dam)
Model 101 Headgate through Dam at sta. 1-30

10. The area submerged by the proposed reservoir, when full, will be 10 acres,
with a maximum depth of water of 21 feet; and approximate mean depth of water
5 feet.

11. The estimated cost of the proposed work is \$ 4700.00

12. Construction work will begin on or before April 25, 1949

13. Construction work will be completed on or before June 10, 1949

(Name of applicant)
(Sgd) C. W. Kunz

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 correction or completion as follows:

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: The entire area, including the Damsite, Borrow pit, and spillway location, were first cleared of all brush and then stripped to a minimum of 18" below the original ground. A keyway was then cut into the original ground being a minimum of 2 ft. deep and 20 ft. wide, extending the full length of the Dam. The fill was then made of 6" layers of compacted earth containing a high percentage of clay.

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 Kunz Dam and the storage of water from Martin Creek, a tributary of Yamhill River to be appropriated under Application No. 23835, Permit No. 19179 for irrigation.

The right hereunder shall be limited to the storage of 45 acre feet.

The priority date of this permit is June 9, 1949

Actual construction work shall begin on or before June 30, 1951

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

WITNESS my hand this 30th day of June, 1950

CHAS. E. STRICKLIN
STATE ENGINEER

OK
F.S.

Application No. R-23834.....

Reservoir Permit No. R-1008.....

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 9th day of June, 1949, at 8:00 o'clock A.M.

Approved:

June 30, 1950

Recorded in Book No. 4 of
Reservoirs, on Page R-1008

CHAS. E. STRICKLIN

STATE ENGINEER

STATE PRINTING DEPT.

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Fees paid \$15.00