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STATE ENGINEER
SALEM, OREGON

* Reservoir Permit No. 1971

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

THADDEUS X. D. Kent
(Name of Applicant)

of Rte 1 Box 316 Cornelius
(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

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

Unnamed Branch of East Dairy Creek and Reservoir
tributary of East Dairy Creek

3. The amount of water to be stored is 1.0 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. 25
(Give sections or townships to be submerged)

Tp. 2 N., R. 3 W., W. M., in the county of Washington

(a) State whether situated in channel of running stream and give character of material at outlet

Yes, compacted clay

(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 EE₄ of Sec. 25
(Smallest legal subdivision)

Tp. 2 N., R. 3 W., W. M. The maximum height will be 10 feet above stream bed or ground surface on center line of dam. The length on top will be 87 feet; length on bottom 50 feet; width on top 10 feet; slope of front or water side 2:1; slope on back 2:1; height of dam above water line when full 2 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.

1971

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: Compacted earth, seeded to a good sod.

8. The location of wasteway with dimensions are as follows: Around east side of dam
(State whether over or around the dam)

10 feet bottom width with 2:1 side slopes.

Spillway 2 1/2 feet deep - ~~2 feet~~

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: Outlet to be on channel under dam, 8 inch corrugated asphalt
(All dams across natural stream channels must be provided with an outlet conduit, of such capacity and location to pass the

dipped steel pipe.
normal flow of the stream at any time.)

10. The area submerged by the proposed reservoir, when full, will be 0.20 acres, with a maximum depth of water of 8 feet; and approximate mean depth of water 5 feet.

11. The estimated cost of the proposed work is \$ 700.00

12. Construction work will begin on or before November 30, 1956

13. Construction work will be completed on or before Fall 1957

Thaddeus D. Kent
(Signature of applicant)

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 February 18, 19 57.

WITNESS my hand this 17th day of December, 19 56.

By LEWIS A. STANLEY
STATE ENGINEER

Chris L. Wheeler
Chris L. Wheeler, Assistant

EW

Application No. *R-31222*
Reservoir Permit No. *R-1971*

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 *20th* day of *November*, 19*22*, at *8:00* o'clock *A*. M.

Returned to applicant:

Approved:

February *25*, 19*27*
Recorded in Book No. *7* of
Reservoirs, on Page *1971*

W. W. G. G. G.
STATE ENGINEER

Drainage Basin No. *2* page *62-A-12*
#1500