

RECEIVED
OCT 17 1956

STATE ENGINEER
SALEM, OREGON

Reservoir Permit No. 1954

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

I, Robert R. Trader
(Name of Applicant)

of Williams
(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 Trader Reservoir

2. The name of the stream from which the reservoir is to be filled and the appropriation made is East Fork Williams Creek, Rattlesnake Gulch and Cherry Gulch tributary of Williams Creek

3. The amount of water to be stored is 8.0 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. 2
(Give sections or townships to be submerged)
Tp. 39 S, R. 5 W, W. M., in the county of Josephine

(a) State whether situated in channel of running stream and give character of material at outlet
In channel of Rattlesnake Gulch. Clay material

(b) If not in channel of running stream, state how it is to be filled. If through a feed canal, give name and dimensions No name ditch. Bottom width 1.5 feet. Top width 2.0 feet. 0.8 feet deep

6. The dam will be located in SW 1/4 NW 1/4, Sec. 2
(Smallest legal subdivision)
Tp. 39 S, R. 5 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 500 feet; length on bottom 400 feet; width on top 12 feet; slope of front or water side 3 to 1; slope on back 2 to 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 obtained without charge, together with instructions, by addressing the State Engineer, Salem, Oregon.

1954

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: Earth fill dam. Granite and clay material.

2 foot freeboard. Spillway and conduit

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

Spillway around dam. 10 foot bottom width. Average 3 feet deep
2 to 1 side slopes. Concrete cutoff at intake

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: 58 feet of 6 inch steel pipe. 4% slope.

(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.)
Concrete collars at intake and outlet,

and at each joint of the pipe.

10. The area submerged by the proposed reservoir, when full, will be 2 acres, with a maximum depth of water of 10 feet; and approximate mean depth of water 4 feet.

11. The estimated cost of the proposed work is \$ 4000.00

12. Construction work will begin on or before Oct. 14, 1957

13. Construction work will be completed on or before Oct. 14, 1958

[Handwritten Signature]
(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

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

[Handwritten Signature]
STATE ENGINEER

Application No. *R-31168*
Reservoir Permit No. *R-1957*

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 *17th* day of *September*, 19*56*, at *11:30* o'clock *A.* M.

Returned to applicant:

Approved:

January 25, 1957
Recorded in Book No. *1917* of
Reservoirs, on Page *7*

LEWIS A. STANLEY
STATE ENGINEER

Drainage Basin No. *15* page *167*

#1500