

Reservoir Permit No. 436

APPLICATION FOR A PERMIT TO CONSTRUCT A RESERVOIR AND TO STORE FOR BENEFICIAL USE THE UNAPPROPRIATED WATERS OF THE STATE OF OREGON

I, F. A. Phillips, Lulu M. Phillips, Russel Ingle, A. N. Ingle, Guy Carnes
(Name of Applicant.)

of Baker County of Baker
(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

1. The name of the proposed reservoir is Traverse Lake and Echo Lake Reservoirs

2. The name of the stream from which the reservoir is to be filled and the appropriation made is
headwaters of West Eagle Creek tributary of Powder River

3. The amount of water to be stored is 470 acre feet.

4. The use to be made of the impounded water is irrigation, to be appropriated under
application No. 5207, permit No. 3859 (Irrigation, power, domestic supply, etc.)

5. The location of the proposed reservoir will be in Sec. 15, 16, 21 & 22, T. 5 S. R. 43 E.
Traverse Lake N. 35° 35' E. 19022' from SW cor. Sec. 31, T 5 S. R. 43 E. thence
N. 71° 0' E. 4889' Echo Lake, N. 35° 35' E. 19022' from SW cor. Sec. 31 T. 5 S. R.
43 E. thence N. 85° 15' E. 1398' in N½ Sec. 21, T 5 N. R. 43 E.
(Give sections or townships to be submerged)

(a) State whether situated in channel of running stream and give character of material at outlet
Natural lakes in the channel of running stream. Solid granite at outlet of
each

(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 dams will be located in for Traverse Lake SE¼ of SE¼ of Section 16,
for Echo Lake, NE¼ of NW¼, Sec. 21
(Smallest legal subdivision)

*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.

They

Tp. 5 S, R. 43 E, W. M. ~~It~~ will be 10 feet in height, having a length
Traverse Lake 340 E. or W.) 300
on top of Echo Lake 385 feet; length on bottom 325 feet; width on top 4 to 10 feet;
slope of front or water side 1 to 3 (Feet horizontal to 1 vertical);
slope on back 1 to 2 (Feet horizontal to 1 vertical); height of dam above water
line when full 3 feet.

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

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

Echo Reservoir two spillways, 3 x 50' and 3 X 30'

Traverse Reservoir spillway, 3 x 30'

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: Echo Lake, 30" concrete conduit under dam.

(State whether through or around the proposed dam)
Traverse Lake 20" concrete conduit under dam

10. The area submerged by the proposed reservoir, when full, will be Traverse Lake 17 acres,
storage Traverse Lake 13
with a maximum depth of water of Echo Lake 10 feet, and approximate mean depth of
water 10 feet.

11. The estimated cost of the proposed work is \$ Traverse Lake \$4000.00
Echo Lake \$3000.00

12. Construction work will begin on or before one year

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

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

F. A. Phillips
Lulu M. Phillips (name of applicant)
Russel Ingle,
A. N. Ingle
Guy Carnes
by F. A. Phillips

Signed in the presence of us as witnesses:

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

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

8 Application No. 5197

Reservoir Permit No. 436

PERMIT
TO CONSTRUCT A RESERVOIR AND STORE FOR
BENEFICIAL USE THE UNAPPROPRIATED
WATERS OF THE STATE OF OREGON

Division No. 2 District No.

*This instrument was first received in the office
of the State Engineer at Salem, Oregon, on the*
5 day of October
1916, at 1:30 o'clock P.M.

Returned to applicant for correction

Dec. 9, 1916 ; June 18, 1917

Corrected application received

Dec. 20, 1916 ; June 18, 1917

Approved

Jul 30, 1918

Recorded in Book No. 21 of Reservoirs on

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John H. Lewis

State Engineer.

1 map

R.S.

\$8.00