

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: the dam will be constructed from clay loam adobe with rock rip rap for wave protection. This applies to Keno Reservoir, and Mallory Reservoir alike.

8. The location of wasteway with dimensions are as follows: the wasteway will be six (6) feet wide and three (3) feet deep at the west side of the dam to Keno Reservoir and same size open wasteway will be at south side of Mallory Reservoir.
(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: the outlet will be an eighteen (18) inch corrugated steel pipe with steel gate, located south of the dam.
(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.)

10. The area submerged by the proposed reservoir, when full, will be about 40 ----- acres, in Keno Reservoir and about 100 acres in Mallory Reservoir with a maximum depth of water of six (6) ----- feet; and approximate mean depth of water four (4) ----- feet, having a capacity of 125 acre feet, as to Keno Reservoir, and 15 acre feet as to Mallory Reservoir, with maximum and mean depths as above.

- 11. The estimated cost of the proposed work is \$ 1,800.00 about (impervious).
- 12. Construction work will begin on or before
- 13. Construction work will be completed on or before

(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

STATE ENGINEER

Reservoir Permit No. 2247

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

I, Malloy, for and Gordon E. Malloy of Route 2, W. M., 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 XXXXXX and Malloy Reservoir

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

tributary of and one hundred fifteen (115)

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

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

5. The location of the proposed reservoir will be in Sec. /and Secs. 22 and 23, (Give sections or townships to be submerged)

Tp. , R. 10, W. M., in the county of

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

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

This applies to both dams.

the northeast quarter of the southwest quarter of Sec. 23,

6. The dam will be located in of Keno Reservoir (Smallest legal subdivision)

Tp. ; R. , W. M. The maximum height/will be feet above stream bed or ground surface on center line of dam. The length on top will be feet; length on bottom

feet; width on top 10 feet; slope of front

or water side 3' to 1'; slope on back 2' to 1'; height of dam above water line

when full three (3) feet. Malloy Reservoir will be feet above pt length is 1,567.5 feet.

* 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: the dam will be constructed from clay loam adobe with rock rip rap for wave protection. This applies to Keno Reservoir, and Mallory Reservoir alike.

8. The location of wasteway with dimensions are as follows: the wasteway will be six (6) feet wide and three (3) feet deep at the west side of the dam as to Keno Reservoir and same size open waste way will be at south side of Mallory Reservoir

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: the outlet will be an eighteen (18) inch corrugated steel pipe with steel gate, located about the center of the dam across the normal flow of the stream at any time.

10. The area submerged by the proposed resevoir, when full, will be about 40 ----- acres, in Keno Reservoir and about 100 acres in Mallory Reservoir with a maximum depth of water of six (6) ----- feet; and approximate mean depth of water four (4) ----- feet, having a capacity of 125 acre feet, as to Keno Reservoir and 115 acre feet as to Mallory Reservoir, with maximum and mean depths less.

11. The estimated cost of the proposed work is \$1,800.00 about (improvement). Estimated cost of water right is \$5,000.00.

12. Construction work will begin on or before

13. Construction work will be completed on or before

(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.....

STATE ENGINEER

were

Remarks: The reservoirs / already constructed and in place in 1945 when the Mallorys purchased the place from Peter T. ... wife. They / were apparently built several years before the dam, ditches etc., for irrigation on the land ... certificate in due course.

H.M.Mallory, Christine M.Mallory and Gordon E.Mallory,

3t H M Mallory

STATE OF OREGON, } ss.
County of Marion,

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 Keno and Mallory reservoirs and the storage of water from two unnamed streams to be appropriated under application No. 31694, permit No. 26216 for irrigation and the dams shall be constructed under the supervision of a registered professional engineer.

The right hereunder shall be limited to the storage of 115.0 acre feet in Keno Reservoir and 125.0 acre feet in Mallory Reservoir.

The priority date of this permit is July 3, 1957

Actual construction work shall begin on or before August 20, 1960 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1961.

WITNESS my hand this 20th day of August 19 59

Lewis A. Stanley
STATE ENGINEER

Application No. *R-31693*
Reservoir Permit No. *R-2247*

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 day of 19....., at o'clock M.

Returned to applicant:

Approved:

August 20, 1959
Recorded in Book No. 8 of
Reservoirs, on Page 2217.

LEWIS A. STANLEY
STATE ENGINEER

Drainage Basin No. 14 page 16D

\$16.40