ASSIGNED. Sec. Misc. Rec. Vol. 2 Page 804 - 5.

* Reservoir Permit No. R-654

CERTIFICATE NO. 11457

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

I, _Reuben Lyon_
(Name of Applicant)

of _Marshfield_, County of _Coos_
(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 _Lyon Reservoir_

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

tributary of _Coos Bay_

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

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

5. The location of the proposed reservoir will be in Sec. _10_ Tp. _24 S._ R. _13 W._ W.M. _Coos County,_
(Give sections or townships to be submerged)
Oregon

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

(Because of drifting sand, stream at present is carried in wooden flume)

(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 _SE¼ SW¼_, Sec. _10_,
(Smallest legal subdivision)

Tp. _24 S_, R. _13 W_, W. M. It will be _two (four feet above_ feet in height,
(No. N. or S.) (No. E. or W.) _present bottom of flume)_

* 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.

having a length on top of ....30.. feet; length on bottom ......35................

..........................feet; width on top....four........feet slope of front or water side...1 to 3......
                                                                                (Feet horizontal to 1 vertical)

slope on back ..1 to 3..; height of dam above water line when full
                        (Feet horizontal to 1 vertical)

..............one........................feet.

7. The construction of dam, the material of which it is to be built, and method of protection from

waves are as follows: ....sand fill with brush riprap against wave action........................

....

....

....

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

wood flume three feet wide and three feet deep which is also gate for flooding marsh.

....

....

9. The location of outlet from the proposed reservoir, with character of construction and dimensions,

are as follows: ....
                                      (State whether through or around the proposed dam)

....

....

10. The area submerged by the proposed reservoir, when full, will be ....22................ acres,

with a maximum depth of water of ....three.................... feet; and approximate mean depth of water

............three............ feet.

11. The estimated cost of the proposed work is $.1,000.00....................................

12. Construction work will begin on or before ......October 1, 1932.................................

13. Construction work will be completed on or before ......April 1, 1933.............................

Duplicate maps of the proposed reservoir and storage works, prepared in accordance with the rules of

the State Water Board, accompany this application.

....................Reuben Lyon................................
                        (Name of applicant)

....

Signed in the presence of us as witnesses:

(1) ....D. L. Buckingham........................, ...Marshfield, Oregon................
              (Name)   (Address of witness)

(2) ....L. S. Ball.............................., ..."........"........................
              (Name)   (Address of witness)

....

Remarks: Eagle Lake is now a natural marsh and at some seasons, a lake. The natural outlet south to the cranberry bod land is choked with drifting sand and to maintain the outlet a flume has been in use for many years. It is now proposed to throw a dam across this outlet to a height of four feet above the bottom of the flume which will be replaced with a new and larger flume. This dam will be only two feet high except where the flume now is. This will permit the holding of water three feet deep in the Lake or reservoir, the height of which will be controlled by flash boards and will furnish sufficient water for quick flooding of the bogs in case of threatened frost.

STATE OF OREGON,
                 }ss.
  County of Marion,

    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.

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 storage of 66 acre-feet of water from Eagle Creek for irrigation purposes, to be appropriated under Application No. 14505, Permit No. 10549.

The right hereunder shall be limited to the storage of ....66............................... *acre feet.*

The priority date of this permit is ....March 2, 1932..

    Actual construction work shall begin on or before ....May 16, 1933..........................

and shall thereafter be prosecuted with reasonable diligence and be completed on or before Oct. 1, 1934

    WITNESS my hand this ....16th............... *day of* ....May............................, 19..32..

.... CHAS. E. STRICKLIN ....
                                             State Engineer.

Application No. R-14504

Reservoir Permit No. R-654

PERMIT

To construct a reservoir and store for
beneficial use the unappropriated
waters of the State of Oregon.

District No.

*This instrument was first received
in the office of the State Engineer at
Salem, Oregon, on the* 2nd *day
of* March *, 19* 32,
at 8:00 *o'clock* A. *M.*

Returned to applicant for correction:

Corrected application received:

Approved:

May 16, 1932

Recorded in Book No. 3 *of
Reservoirs, on Page* 654.

CHAS. E. STRICKLIN
State Engineer.

$5.17