

Reservoir Permit No. **1563**

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

I, CARL W. MOORE (Name of Applicant)

of LAKE CREEK (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

No. 1 and No. 2 tributary of

3. The amount of water to be stored is 23 acre feet.

4. The use to be made of the impounded water is

5. The location of the proposed reservoir will be in Sec.

Tp. 37 S, R. 2 W, W. M., in the county of

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

(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 Sec.

Tp. 37 S, R. 2 W, 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 feet; slope of front

or water side 1:1; slope on back 1:1; height of dam above water line

when full 3 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: Present dam is of rolled earth fill construction, built from storage basin largely clay. Contains about 10,000 cu yds. It is proposed to further excavate the basin using the material to build up the existing dam, providing 3 ft. freeboard. See plans. Small size of dam and vegetation on face precludes any necessity for wave protection.

8. The location of wasteway with dimensions are as follows: (State whether over or around the dam)
shows on plan and consists of an open ditch through natural ground on left side of dam. Natural ground is compacted sandy clay and later red rock. It is noted on former states no trouble has been experienced. Propose to improve spillway with concrete channel and outlet.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: Present outlet is 24" concrete pipe with 45° elbow. (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.) iron pipe with swinging elbow and exterior gate. Propose to extend and change outlet to 36" concrete pipe with 45° elbow.

10. The area submerged by the proposed reservoir, when full, will be 1.5 acres, with a maximum depth of water of 12 feet; and approximate mean depth of water 3.5 feet.

- 11. The estimated cost of the proposed work is \$ 5,000.
- 12. Construction work will begin on or before 10/1/21.
- 13. Construction work will be completed on or before 10/1/21.

Carl W. Myerson
(State Engineer)

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

with water at spillway flow line level of 2492, the
proposed dam, with water at 2490 impounds 23.5 acre feet,
with water to 2492, impounds 30 acre feet. As shown
on plans, it is proposed to deepen basin and raise spillway

to 2492 on plans.
This objection indicates no reason, structurally, why
it should be done to some extent as proposed on
the plans.

The balance dam is a wide meadow and there are no
lives or property would be involved in case of a failure. In
any event, the dam as constructed would be more than adequate structurally.

Spillway has been designed to permit lake level to rise
3 feet above spillway floor by use of readily removable
has more than adequate capacity (see data on plans).

STATE OF OREGON, }
County of Marion, } ss.

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 Nygren Reservoir and the storage of water from No. 1 and No. 2 unnamed draws to be appropriated under Application No. 28866, Permit No. 22628 for supplemental irrigation.

The right hereunder shall be limited to the storage of 23.0 acre feet.

The priority date of this permit is October 15, 1953

Actual construction work shall begin on or before January 22, 1955 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1955

WITNESS my hand this 22nd day of January, 1954

Shan E. Stickler
STATE ENGINEER

OK
3.0

Application No. *R-20065*
Reservoir Permit No. *R-1543*

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 *15th* day of *October*, 19*53*, at *1:00* o'clock *P.* M.

Returned to applicant:

Approved:

January 22, 1954
Recorded in Book No. *5* of
Reservoirs on Page *1563*

CHAS. E. STRICKLIN
STATE ENGINEER

Drainage Basin No. *15* page *328*

Fee paid \$15.00