Reservoir Permit No. R 1630

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

I, _____**G.W.Spence**_____
(Name of Applicant)

6ᵗʰ and C

of _____**La Grande,Union County**_____
(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 _____No_____

1. The name of the proposed reservoir is _____Spence Reservoir_____

2. The name of the stream from which the reservoir is to be filled and the appropriation made is Unnamed stream and natural flow of springs that exist in the drainage area

tributary of _____Grande Ronde River_____

3. The amount of water to be stored is 42.7 Ac.Ft. (6.0 Ac.Ft. prior Certif) acre feet.

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

5. The location of the proposed reservoir will be in Sec. S½.NW¼ Sec. 17
(Give sections or townships to be submerged)

Tp. 3-S R. 38-E , W. M., in the county of Union

(a) State whether situated in channel of running stream and give character of material at outlet Located on intermittent stream. Heavy clay surface soil some gravels and small boulders in channel

(b) If not in channel of running stream, state how it is to be filled. If through a feed canal, give name and dimensions Reservoir will be filled from natural runoff from the 50; acre drainage area and from the flow of natural springs that exist within the drainage area.

6. The dam will be located in SW¼ & SE¼ of NW¼ .Sec. 17
(Smallest legal subdivision)

Tp. 3 - S R. 38 - E W. M. The maximum height will be 9.5 feet above stream bed or ground surface on center line of dam. The length on top will be 1150 feet; length on bottom 860 feet; width on top 10.0 feet: slope of front or water side 3:1 ; slope on back 2:1 ; height of dam above water line
(Feet horizontal to 1 vertical) _(Feet horizontal to 1 vertical)_
when full 3.5 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:* Dam will be built from earth consisting of heavy clay and clay loam. Total surface of dam will be seeded to heavy sod forming grasses.

8. *The location of wasteway with dimensions are as follows:* The spillway will be located
(State whether over or around the dam)
around the end of the dam. Spillway channel will be excavated in natural ground. Bottom width 22.0 ft. side slopes 1½ : 1. Effective depth 3.5 feet. Total length of spillway 140 feet.

9. *The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows:* Outlet conduit will be through the dam, at sta: 9/60. A 12"dia. reinforced
(State whether through or around the proposed dam)
concrete conduit will be constructed. Two reinforced concrete seep collars, spaced 10.0feet on center will constructed on the upstream portion of the conduit. A 1 " dia. metal headgate will be installed on the upsteam end of the conduit.

10. *The area submerged by the proposed reservoir, when full, will be* 7.1 *acres, with a maximum depth of water of* 8.5 *feet; and approximate mean depth of water* 6.0 *feet.*

11. *The estimated cost of the proposed work is* $ 1,750.00

12. *Construction work will begin on or before* May 1,1954

13. *Construction work will be completed on or before* July 1,1954

H W Spence
(Name of applicant)

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

R- 1630

... consists of increasing the capacity of the existing
... grants a storage right for 6.0 acre feet.
... acre feet of dead storage and 30.7 acre feet of
usable storage for irrigation.

Dead storage will be used for fish culture.

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 Spence Reservoir and the storage of water from an unnamed stream to be appropriated under Application No. 29055, Permit No. 22973 for irrigation and fish culture.

The right hereunder shall be limited to the storage of   30.7   acre feet.

The priority date of this permit is   March 11, 1954

Actual construction work shall begin on or before   September 20, 1955

and shall thereafter be prosecuted with reasonable diligence and be completed on or before
October 1, 1956

WITNESS my hand this   20th   day of   September   19 54.

Chas E. Strickler
STATE ENGINEER

Application No. #2 2205-7.

Reservoir Permit No. R 1630.

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 11th day of March, 1954, at 8:00 o'clock A. M.

Approved:

September 20, 1954

Recorded in Book No. 6 of Reservoirs on Page R 1630

CHAS. E. STRICKLIN
STATE ENGINEER

Drainage Basin No. .... page ....

Fees Paid 15.00