

Reservoir Permit No. 2099

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

I, H.W.HILES (Name of Applicant)

of Route 1, Box 86, Riddle, (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 H.W.Hiles Reservoir

2. The name of the stream from which the reservoir is to be filled and the appropriation made is EFK Shoestring Creek & Hiles Creek, a tributary of Shoestring Creek which is a tributary of Cow Creek which is a tributary of the S. mpoua River

3. The amount of water to be stored is 0.74 acre feet

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

5. The location of the proposed reservoir will be in Sec. 30

Tp. 30 S., R. 6 W.; W.M. in the county of Douglas

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

(b) If not in channel of running stream, state how it is to be filled. If through a feed canal, give name and dimensions through a 12" pipe from a spring in E. Fork of Shoestring Creek

6. The dam will be located in the S.E. 1/4 of the S.W. 1/4 Sec. 30,

Tp. 30 S.; R. 6 W.; W.M. The maximum height will be 14 feet above stream bed or ground

at crown of dam. The length on top will be 282 feet; length on

bottom 25 feet; width on top 12 feet; slope of front

3:1; slope of back 2:1; height of dam above water level

4 feet

7. The construction of dam, the material of which it is to be built, and method of protection of abutments and wing walls are as follows: **clay core 12 ft. wide, 4 ft. freeboard**

8. The location of wasteway with dimensions are as follows: **around dam**  
**Base = 12 ft, Depth = 4 ft, side slope = 1:1, slope = .084**  
**DIMENSIONS of the reservoir. The water storage will cover 104 by 1006 ft. area. Located in the SE 1/4 of the SW 1/4 Sec. 36 T.P. 30 S, R 6 W.**

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: **spillway 12 ft. wd on bottom with 1:1 side slopes**  
(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.)  
**should carry more than normal flow**  
**12" Asphalt dipped C.I.P. through base of dam.**

10. The area submerged by the proposed reservoir, when full, will be **0.5** acres, with a maximum depth of water of **10 or 13** feet; and approximate mean depth of water **7 1/5** feet.

11. The estimated cost of the proposed work is \$ **2534.00**

12. Construction work will begin on or before on approval of application

13. Construction work will be completed on or before **July 1957**

**Harold X**  
(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 completion

In order to retain its priority, this application must be returned to the State Engineer, with corrections, on or before **December 21, 1957**

WITNESS my hand this **21th** day of **October**, 19 **57**

**LEWIS A. STANLEY**  
**STATE ENGINEER**

by **James H. Larver, Jr., Assistant**

Remarks:

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 H. W. Miles Reservoir and storage of water from East Fork Shoestring Creek and Miles Creek to be appropriated under Application No. 31260, Permit No. 25032 for irrigation.

The right hereunder shall be limited to the storage of 6.24 acre feet

The priority date of this permit is July 26, 1957

Actual construction work shall begin on or before January 27, 1958 and

shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1959.

WITNESS my hand this 27th day of January, 1958.

*Lewis A. Stanley*  
STATE ENGINEER

Application No. R-31744  
Reservoir Permit No. K-2044

### 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:

January 17, 1952  
Recorded in Book No. 3 of  
Reservoirs, on Page 211.

LEWIS A. STANLEY  
STATE ENGINEER

Drainage Basin No. 16 page 12 B

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