

\* Reservoir Permit No. **1554**

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

I, LOSSIE T. HOWARD (Name of Applicant)

of MITCHELL (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 PETERSON CREEK RESERVOIR

2. The name of the stream from which the reservoir is to be filled and the appropriation made is PETERSON CREEK, AN INTERMITTENT tributary of NORTH FORK OF CROOKED RIVER

3. The amount of water to be stored is 93.5 acre feet.

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

5. The location of the proposed reservoir will be in Sec. 12 Tp. 14S, R. 21E, W. M., in the county of CROOK (Give sections or townships to be submerged)

(a) State whether situated in channel of running stream and give character of material at outlet SITUATED IN CHANNEL OF INTERMITTENT STREAM. MATERIAL AT OUTLET CONSISTS OF SILTY 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

6. The dam will be located in NEWNEW SE 4 2E 4, Sec. 12 } 6071 (Smallest legal subdivision)

Tp. 14S, R. 21E, W. M. The maximum height will be 26 feet above stream bed or ground surface on center line of dam. The length on top will be 500 feet; length on bottom 510 feet; width on top 14 feet; slope of front or water side 3:1; slope on back 2:1; height of dam above water line when full 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.

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ASSIGNED. See Misc. Rec. Vol. 6

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7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: ROLLED EARTH FILL. NO PROTECTION PLANNED SINCE DAM SITE IS SHELTERED AND SINCE PERIOD OF STORAGE WILL BE SHORT.

8. The location of wasteway with dimensions are as follows: AROUND WESTERLY END.  
(State whether over or around the dam)  
BASE WIDTH: 14 FT.; MAX. DEPTH OF FLOW: 4 FT.; SIDES SLOPE: 2:1;  
S = .017 FOR 100 FT THEN FOLLOWS STEEPER NATURAL GROUND SLOPE;  
V = 2.76; H = .033; V = 11.6 FT/SEC. (ROCK BOTTOM)

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: 12 IN. REINFORCED CONCRETE PIPE OUTLET THROUGH DAM WITH  
(State whether through or around the proposed dam)  
3 - 5'x5'x9" CUTOFFS, AND WITH 12 IN. ARMO MODEL 104 SLIDE HEAD-GATE MOUNTED ON UPSTREAM END.

10. The area submerged by the proposed reservoir, when full, will be 12.8 acres, with a maximum depth of water of 21 feet; and approximate mean depth of water 8(-) feet.

11. The estimated cost of the proposed work is \$ 6500.00

12. Construction work will begin on or before JUNE 1, 1953

13. Construction work will be completed on or before Oct 31, 1953

L. J. Howard  
(Name 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 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



Application No. *P-28664*  
Reservoir Permit No. *P-1554*

## 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 *28<sup>th</sup>* day of *July*, 19*53*, at *1:00* o'clock *P*. M.

Approved:

January *22*, 1954

Recorded in Book No. *5* of  
Reservoirs, on Page *1554*

CHAS. E. STRICKLIN  
STATE ENGINEER

Drainage Basin No. *5* page *148*

Fees Paid *15.00*

State Printing Dept. 31271