

28-44

Reservoir Permit

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

I, PRINEVILLE CHAPTER, ISAAC WALTON LEAGUE OF AMERICA
(Name of Applicant)

of PRINEVILLE, OREGON
(Mailing Address)

State of _____, 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 KING RESERVOIR

2. The name of the stream from which the reservoir is to be filled and the appropriation made is UN-NAMED STREAM

tributary of OCHUCO CREEK

3. The amount of water to be stored is 218.2 acre feet.

4. The use to be made of the impounded water is CREATE LAKE FOR RECREATIONAL AREA
(Irrigation, power, domestic supply, etc.)

5. The location of the proposed reservoir will be in Sec. 21
(Give sections or townships to be submerged)

Tp. 13S, R. 20E, W. M., in the county of CROOK

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

IN CHANNEL OF STREAM FED BY SPRINGS WITHIN THE RESERVOIR SITE
MATERIAL AT OUTLET CONSIST OF BOULDERS & ALLUVIUM UNDERLAIN AT ABOUT 12-18" WITH EXTREMELY IMPERVIOUS BLUE CLAY.

(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 NW NE 1/4, Sec. 21
(Smallest legal subdivision)

Tp. 13S, R. 20E, W. M. The maximum height will be 28 feet above stream bed or ground

surface on center line of dam. The length on top will be 345 feet; length on

bottom 360 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
(Feet horizontal to 1 vertical) (Feet horizontal to 1 vertical)

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.

R-1575

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: FILLED, EARTH FILL DAM. PROTECTION AGAINST WAVE ACTION TO BE ROCK RIPRAP PROVIDING SUFFICIENT MATERIAL IS READILY AVAILABLE - OTHERWISE BY LOG BOOM ANCHORE 3' OUT

8. The location of wasteway with dimensions are as follows: AROUND NORTH END
(State whether over or around the dam)
DIMENSIONS - B = 12', SIDE SLOPE = 2:1, S = 0.0166, V = 8.44 ft/sec
MAX. DEPTH OF FLOW = 2' LENGTH ON DESIGN SLOPE = 150' THE GROUND SLOPE FOR AN ADDITIONAL 150'

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: OUTLET - 12" ARBESTOL BUNDED CORRUGATED STEEL PIPE THROUGH DAM AT STA. 2+14 - 4 CUTOFF COLLARS SLOPE = 0.0024 PER FT.
(State whether through or around the proposed dam)

10. The area submerged by the proposed reservoir, when full, will be 20.1 acres, with a maximum depth of water of 23 feet; and approximate mean depth of water 11 feet.

11. The estimated cost of the proposed work is \$ 2,000.00

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

13. Construction work will be completed on or before SEPT. 1, 1955

PRINEVILLE CHAPTER, ISAAC WALTON LEAGUE OF AMERICA
BY: [Signature]
(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

~~Blanked out section~~

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 King Reservoir and the storage of water from an unnamed stream to be appropriated under Application No. 28395, Permit No. 22717 for public recreational area.

The right hereunder shall be limited to the storage of 218.9 acre feet.

The priority date of this permit is September 25, 1953

Actual construction work shall begin on or before March 12, 1955

and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1955

WITNESS my hand this 12th day of March, 1954

[Signature]
STATE ENGINEER
OK
J.S.

Application No. *R. 21812*
Reservoir Permit No. *R. 1575*

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 *25th* day of *September*, 19*53*, at *5:00* o'clock *P.* M.

Approved:

March 12, 1954
Recorded in Book No. *6* of
Reservoirs on Page *1575*

CHAS. E. STRICKLIN
STATE ENGINEER

Drainage Basin No. *5* page *264*

Fees Paid *16.19*

State Printing Dept. 47186