

*Reservoir Permit No. 154

APPLICATION FOR A PERMIT TO CONSTRUCT A RESERVOIR AND TO STORE FOR BENEFICIAL USE THE UNAPPROPRIATED WATERS OF THE STATE OF OREGON

I, Chas. Horton (Name of Applicant)

of Klamath Falls, Oreg (Postoffice), County of Klamath

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 Calahan Reservoir

2. The name of the stream from which the reservoir is to be filled and the appropriation made is Buck Creek

3. The amount of water to be stored is 6020 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. 22 - 23 - 26 and 27 (Give sections or townships to be submerged) T 37 S R 11 1/2 E W M., Oregon

(a) State whether situated in channel of running stream and give character of material at outlet The reservoir is situated in the channel of Buck Creek which is not a running stream except in the spring of the year.

(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 SE 1/4 of SW 1/4, Sec. 26 (Smallest legal subdivision)

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.

Tp. **37 S**, R. **11 1/2 E**, W. M. It will be **30** feet in height, having a length on top of **520** feet; length on bottom **about 250** feet; width on top **15** feet; slope of front or water side **3 to 1**; slope on back **2 to 1**; height of dam above water line when full **5** feet.

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: **Earth dam, with an oil core, protected from the waves by woven wire fences placed at different heights and filled with brush**

8. The location of wasteway with dimensions are as follows: **25 ft. from the east end of the dam but entirely separate size 20 ft. wide and 3 ft. deep**

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: **outlet situated under west end of dam, constructed of concrete round with a diameter of 2 ft.**

10. The area submerged by the proposed reservoir, when full, will be **301.65** acres, with a maximum depth of water of **25** feet, and approximate mean depth of water **20** feet.

11. The estimated cost of the proposed work is \$ **15,000.00**
 12. Construction work will begin on or before **as soon as possible**
 13. Construction work will be completed on or before **two years**

Duplicate maps of the proposed reservoir and storage works, prepared in accordance with the rules of the Board of Control, accompany this application.

Chas Horton

(Name of Applicant)

Signed in the presence of us as witnesses:

(1) **W L Ellison**, **Klamath Falls, Oregon**
 (Name) (Address of Witness)
 (2) **H H Corson**, **Klamath Falls, Oregon**
 (Name) (Address of Witness)

Application No. 1855

Reservoir Permit No. 154

PERMIT

To construct a reservoir and store for beneficial use the unappropriated waters of the State of Oregon

Division No. 1 District No.

This instrument was first received in the office of the State Engineer at Salem, Oregon,

on the 13 day of November,

19 11, at 1:30 o'clock P. M.

Returned to applicant for correction

Corrected application received

Approved

Jan 2 1912

Recorded in Book No. 1 of Reservoirs on

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John H Lewis

DFM
1 map

State Engineer
8.00