

ASSIGNED TO THE STATE ENGINEER
Vol. 2 p. 113

76683

CERTIFICATE NO. 12072

*Reservoir Permit No. 102

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

I, The DesChutes Land Company
(Name of Applicant)
of 615 Henry Bldg., Portland, County of Multnomah
(Postoffice)
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.....
June 9, 1905, Head Office, Portland, Oregon.

1. The name of the proposed reservoir is "Crescent Lake"

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

3. The amount of water to be stored is 95,000 acre feet.

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

5. The location of the proposed reservoir will be in Sec and on Crescent Lake, situate
(Give sections or townships to be submerged)
in T 24, S. R. 6 E. W. M.

(a) State whether situated in channel of running stream and give character of material at outlet
No, not in channel of running stream, character of material at outlet of lake:
Gravel & boulders covered with volcanic ash.

(b) If not in channel of running stream, state how it is to be filled. If through a feed canal,
give name and dimensions See answer to #2

6. The dam will be located in SE $\frac{1}{4}$ of SW $\frac{1}{4}$ & SW $\frac{1}{4}$ of SE $\frac{1}{4}$, Sec. 11,
(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. 24 S, R. 6 E, W. M. It will be 23 feet in height, having a length
(No. N. or S.) (No. E. or W.)
 on top of 480 feet; length on bottom 80 feet; width on top 12 feet;
 slope of front or water side 3 to 1
 slope on back 2 to 1 (Feet horizontal to 1 vertical); height of dam above water
(Feet horizontal to 1 vertical)
 line when full Eight feet.

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: The dam will be constructed of punice soil for the back portion with a heavy layer of rolled earth & gravel on the front. Both slopes will be protected by riprap.

8. The location of wasteway with dimensions are as follows: (State whether over or around the dam)
 Around dam, width of 100 feet and crest at level of stored water.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: Concrete arch culvert through dam, arch will be eight feet (8'), span with four (4') feet side walls. (State whether through or around the proposed dam)

10. The area submerged by the proposed reservoir, when full, will be 3800 acres, with a maximum depth of water of 27 feet, and approximate mean depth of water 25 feet.

11. The estimated cost of the proposed work is \$ 50,000.00

12. Construction work will begin on or before One year from date of permit.

13. Construction work will be completed on or before Three years (3) from date of permit.

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

(CORPORATE SEAL)

The DesChutes Land Company

(Name of Applicant)

by J. E. Morsen,

President

Signed in the presence of us as witnesses: Attest: Alfred A. Aya, Secretary.

(1) _____, _____
(Name) (Address of Witness)

(2) _____, _____
(Name) (Address of Witness)

Remarks: The DesChutes Land Company in making within application, reserves to itself the right to appropriate said waters under a filing made on the 10th May, 1902, under the 1891 statute, also its rights to these waters for Carey Act purposes under the 1901 statute.

THE DESCHUTES LAND COMPANY

by J. E. Morsen, President.

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.

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:

Actual construction work shall begin on or before Apr 14 1912 and shall thereafter be prosecuted with reasonable diligence and be completed on or before.....

WITNESS my hand this 14th day of April, 1911

John H Lewis

State Engineer.

Apr 14 1914 EXTENDED TO 4/19/16 EXTENDED TO 10/1/35 Extended to Oct. 1, 1928 EXTENDED TO 10/1/40

Application No. 1301

Reservoir Permit No. 102

PERMIT

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

Division No. 2 District No. _____

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

on the 20th day of March,

19 11, at 11:30 o'clock A M.

Returned to applicant for correction

Corrected application received

Approved

Apr 14 1911

Recorded in Book No. 1 of Reservoirs on

Page 102.

John H Lewis

8.00

State Engineer