

STATE ENGINEER
OREGON

Reservoir Permit No. 2124

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

U. S. DEPARTMENT OF THE INTERIOR, U. S. FISH AND WILDLIFE SERVICE,
BUREAU OF SPORT FISHERIES AND WILDLIFE

(Name of Applicant)

P. O. Box 3737, Portland 8,

(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 Krumbo Reservoir

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

Krumbo Creek

tributary of Donner and Blitzen Rivers

3. The amount of water to be stored is sixteen hundred and thirty acre feet.

4. The use to be made of the impounded water is Supplemental irrigation for wildlife propagation and management.
(Irrigation, power, domestic supply, etc.)

5. The location of the proposed reservoir will be in Sec. 20 parts of sections 20, 21, 22
(Give sections or townships to be submerged)

Tp. 20 S., R. 22 E., W. M., in the county of WASCO

(a) State whether situated in channel of running stream and give character of material at outlet
Reservoir will be located in channel. Material at outlet is granite

(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 Section 20, Sec. 20

(Smallest legal subdivision)

Tp. 20 S., R. 22 E., W. M. The maximum height will be 120 feet above stream bed or ground

surface on center line of dam. The length on top will be 120 feet; length on

bottom 350 feet; width on top 20 feet; slope of front

or water side 5:1; slope on back 3:1; 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.

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: Earthfill dam with concrete control section. Dam to have riprap for wave protection.

8. The location of wasteway with dimensions are as follows: A wasteway having a 10-foot bottom and 1 1/2:1 side slopes will be excavated to elevation 1200.0, through natural rock adjacent to the south end of the reservoir embankment.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions are as follows: Outlet will be through center of dam and consist of 20" diameter steel pipe with concrete head walls. (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.)

10. The area submerged by the proposed reservoir, when full, will be 200 acres, with a maximum depth of water of twenty-one feet; and approximate mean depth of water ten feet.

11. The estimated cost of the proposed work is \$ 70,000

12. Construction work will begin on or before October 1, 1957

13. Construction work will be completed on or before June 30, 1958

U. S. HIGHWAY AND AIRCRAFT SERVICE, PORTLAND, OREGON
ENGINEER AND SURVEYOR
(Signature of applicant)

D. H. Jansen, Director

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

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

Remarks: The primary purpose of the reservoir is to store for supplemental use in maintaining marsh areas, meadows, crops and haylands necessary to carrying out management functions on refuge lands for wildlife. Public recreational use of the reservoir will be permitted to the extent it is consistent with the primary purpose of the development.

Appl # R 31994 Item # 5

The proposed storage reservoir will occupy:

T. 30 S.	R. 32 E.	Sec. 18	SE 1/4 SW 1/4	15.5
			SW 1/4 SE 1/4	11.6
		19	NE 1/4 NE 1/4	7.3
			NW 1/4 NE 1/4	36.5
			SW 1/4 NE 1/4	22.4
			SE 1/4 NE 1/4	32.1
			NE 1/4 NW 1/4	13.9
			SE 1/4 NW 1/4	1.6
			NE 1/4 SE 1/4	14.2
		20	NW 1/4 SE 1/4	2.5
			NW 1/4 SW 1/4	0.4
				TOTAL 158.0

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 Krumbo reservoir and the storage of water from Krumbo Creek to be appropriated under application No. 31995, permit No. 25464 for supplemental irrigation, and the dam shall be constructed under the supervision of a registered professional engineer.

The right hereunder shall be limited to the storage of 1660.0 acre feet.

The priority date of this permit is November 25, 1957

Actual construction work shall begin on or before June 10, 1959 and

shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1960.

WITNESS my hand this 10th day of June 1958.

Lewis A. Stanley
STATE ENGINEER

Application No. *R-3199A*
Reservoir Permit No. *R-2124*

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 *November*, 19*57*, at *2:00* o'clock *P.*M.

Returned to applicant:

Approved:

June 10, 1958
Recorded in Book No. *8* of
Reservoirs, on Page *2124*

LEWIS A. STANLEY
STATE ENGINEER

Drainage Basin No. *12* page *9*
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