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MAY 10 1976

R 6668

WATER RESOURCES DEPT.
SALEM, OREGON

* Reservoir Permit No.

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

I, MORROW BROS.

(Name of Applicant)

of 1204 Chestnut

(Mailing address)

Madras

(City)

State of Oregon

97741
(Zip Code)

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 Willow Creek

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

Willow Creek

tributary of Deschutes River

3. The amount of water to be stored is 132.50 ^{acre feet} 30 ^{acre feet} 2.0 ^{acre feet} 115 ^{acre feet}

An additional 32 for total of 115

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

5. The location of the proposed reservoir will be in Sec. 19 45 20

(Give sections or townships to be submerged)

Tp. 12S, R. 15E, W.M., in the county of Jefferson

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

in channel of running stream. Rock and gravel

(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 SE⁴ SE⁴, Sec. 19

(Smallest legal subdivision)

Tp. 12S, R. 15E, W.M. The maximum height will be 23 feet above stream bed or ground

surface on center line of dam. The length on top will be 540 feet; length on

bottom 100 feet; width on top 12 feet; slope on front

or water side 3; slope on back 2; height of dam above water line

(Feet horizontal to 1 vertical)

(Feet horizontal to 1 vertical)

when full 4.0 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 97310.



7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: ZONE type fill of clay sand in the core with shell of silty gravelly sand. Upstream face riprapped with rock. Approximately 100' wide and approximately 5' deep

8. The location of wasteway with dimensions are as follows: S Pillbox is around the dam on the south abutment excavated in firm basalt approximately 100' wide and approximately 5' deep.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: 10" concrete encased conduit.
(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 17 acres, with a maximum depth of water of 20 feet; and approximate mean depth of water 7 feet.

11. The estimated cost of the proposed work is \$ 15,000

12. Construction work will begin on or before Dec. 1976

13. Construction work will be completed on or before Feb. 1977

Margaret Brown
(Signature of applicant)
By Charles J. Morrow

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 and completion

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before September 9, 1976.

WITNESS my hand this 9th day of July, 1976

JAMES E. SEXSON
WATER RESOURCES DIRECTOR

By Wayne J. Overcash
Water Rights Engineer

1976 SEP 10 10 10 AM

Remarks: Plans & specifications are being made for modification of the Reservoir and will be submitted in the near future.

With the present storage capacity we do not have sufficient water to irrigate all of the land sprinkled from this reservoir for a second crop of alfalfa even though we are not irrigating as much acreage from the reservoir as originally planned. We hope that with the additional storage we will be able to store sufficient water to irrigate the area shown on the enclosed map.

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 Willow Creek Reservoir and storage of water from Willow Creek to be appropriated under application No. 54248, permit No. 42031 for irrigation and stock; being 30.0 for irrigation and supplemental irrigation, and 2.0 a.f. for stock use.

The right hereunder shall be limited to the storage of 32.0 acre feet.

The priority date of this permit is May 10, 1976

Actual construction work shall begin on or before November 4, 1978 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1979.

WITNESS my hand this 4th day of November, 1977.

James E. Brown
Water Resources Director

Application No. R-54247

Reservoir Permit No. R 6668

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 10 day of May, 1976, at 8 o'clock A. M.

Returned to applicant:

Approved:

Recorded in Book No. of

Reservoirs, on Page

State Engineer

Drainage Basin No. 5 page 39

Fees 37.00