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OCT 11 1967  
ENGINEER  
SALEM, OREGON

\* Reservoir Permit No. **R 5356**

CERTIFICATE NO. **43261**

# 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. Inc.  
(Name of Applicant)

of 1204 Chestnut Madras,  
(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 March 4, 1959

Madras, Oregon

1. The name of the proposed reservoir is Willow Creek Reservoir

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 84.8 93.0 acre feet. *Jan 17/16/68*

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. 19 & 20  
(Give sections or townships to be submerged)

Tp. 12 S, R. 15 E, 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 SE 1/4 SE 1/4, Sec. 19  
(Smallest legal subdivision)

Tp. 12 S, R. 15 E, W.M. The maximum height will be 21 feet above stream bed or ground

surface on center line of dam. The length on top will be 460 540 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 4.9 feet. *Jan 17/16/68*

\* 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 a shell of silty gravelly sand. Upstream face of dam will be riprapped with rock.

8. The location of wasteway with dimensions are as follows: Spillway will be around the dam on the south abutment, approximately 4' deep, 20' wide. This will be excavated in firm basalt.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: 8" concrete encased conduit will be installed at the elevation of the normal stream channel.

10. The area submerged by the proposed reservoir, when full, will be 35 acres, with a maximum depth of water of 17 feet; and approximate mean depth of water 5.9 feet.

11. The estimated cost of the proposed work is \$ 12,980.00

12. Construction work will begin on or before June 1969

13. Construction work will be completed on or before Dec. 1969

Manow Bros. Inc. (Signature of applicant) by Andrew J. Manow, Pres

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 and Completion

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before December 27th, 1967.

WITNESS my hand this 27th day of October, 1967.

RECEIVED DEC 21 1967 STATE ENGINEER CHRIS L. WHEELER ASSISTANT

Remarks: .....

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. 44165, permit No. 33849 for irrigation and supplemental irrigation

The right hereunder shall be limited to the storage of 83.0 acre feet.

The priority date of this permit is October 17, 1967

Actual construction work shall begin on or before April 9, 1970 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1971

WITNESS my hand this 9th day of April, 1969.

*John K. Wheeler*

STATE ENGINEER

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Application No. R-44164

Reservoir Permit No. R 5356

**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 17th day of October

1967, at 8:00 o'clock A.M.

Returned to applicant:

Approved:

April 9, 1969

Recorded in Book No. \_\_\_\_\_ of

Reservoirs, on Page R 5356

CHRIS. L. WHEELER

State Engineer

Drainage Basin No. 5 page 37

Fees \$ 20.00

R 5356

PC