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DEC 15 1976

WATER RESOURCES DEPT. * Reservoir Permit No. R 6727
SALEM, OREGON

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

I, Rogue River National Forest
(Name of Applicant)

of P.O. Box 520 Medford
(Mailing address) (City)

State of Oregon, 97501, do hereby make application for a permit to construct the
(Zip Code)
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 Medford Forest Nursery Reservoir
~~Forest Service Reservoir #1 and #2~~

2. The name of the stream from which the reservoir is to be filled and the appropriation made is
Jackson Creek, Horn Creek, South Fork Little Butte Creek and Rogue River

tributary of Pacific Ocean.

3. The amount of water to be stored is 104
~~100~~ acre feet.

4. The use to be made of the impounded water is irrigation April 1 to October 31; temperature control November 1 to March 31.
(Irrigation, power, domestic supply, etc.)

5. The location of the proposed reservoir will be in Sec. 15, SW $\frac{1}{4}$ NW $\frac{1}{4}$
(Give sections or townships to be submerged)

Tp. 37 S., R. 2 W., W.M., in the county of Jackson

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

No.

Concrete and steel outlet.

(b) If not in channel of running stream, state how it is to be filled. If through a feed canal, give name and dimensions pumps through gravity pipe; preliminary estimate 24" dia.

6. The ~~dam~~ reservoir embankment will be located in none, Sec. 15
(Smallest legal subdivision)

Tp. 37 S, R. 2W, W.M. The maximum height will be 15 feet above stream bed or ground

surface on center line of ~~dam~~ reservoir embankment. The length on top will be 2,543 feet; length on

bottom 2,543 feet; width on top 16 feet; slope on front embankment

or water side 3:1; slope on back 3:1; height of ~~dam~~ embankment above water line

when full 3.0 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.

reservoir

7. The construction of ~~dam~~, the material of which it is to be built, and method of protection from waves are as follows: Earth filled, membrane lined

8. The location of wasteway with dimensions are as follows: 18" pipe
(State whether over or around the dam)
will be designed to handle 1 1/2 times inflow capacity

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: Outlet of overflow pipe concrete pump structure will be located adjacent to south reservoir embankment
(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 7.2 ± acres, with a maximum depth of water of 18.3 feet; and approximate mean depth of water 18 feet.

11. The estimated cost of the proposed work is \$ 500,000

12. Construction work will begin on or before April 1, 1977 November 30, 1977

13. Construction work will be completed on or before September 30, 1978 May 1, 1979

Frank E. Morley
(Signature of applicant)
Morley manager

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 August 26, 1977.

WITNESS my hand this 22nd day of June, 1977.

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AUG 12 1977
WATER RESOURCES DEPT.
SALEM, OREGON

James E. Sexson
James E. Sexson CIVIL ENGINEER
Director, Water Resources Dept.
By [Signature] REGISTERED

Remarks: These reservoirs ^{is} are for the purpose of storing sufficient water for temperature control during the period November 1 to March 31 and for irrigation from April 1 to October 31. The inflows from on-site wells and drain tiles, Jackson Creek, ~~Horn Creek~~, Medford Irrigation District ditch, and Medford City water lines are insufficient at any given point in time to supply sufficient water to supply the ~~main~~ ^{irrigation} pumps. The plan is to store the water over a period of days in the reservoirs, sufficient for frost protection on all the acreage at once, and for irrigation on large blocks of land all at once.

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 Medford Forest Service Nursery Reservoir and storage of water from Jackson Creek and Rogue River to be appropriated under applications No. 56079 and 56080, permits No. 42461, and 42460, for irrigation and temperature control.

The right hereunder shall be limited to the storage of 104.0 acre feet.

The priority date of this permit is May 23, 1977

Actual construction work shall begin on or before January 12, 1979 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1979.

WITNESS my hand this 12th day of January, 1978.


Deputy Water Resources Director

STATE OF OREGON

Application No. R-56078

Reservoir Permit No. R 6727

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 23 day of May, 1977, at 8 o'clock A.M.

Returned to applicant:

Approved:

Recorded in Book No. _____ of _____

Reservoirs, on Page _____

State Engineer

Drainage Basin No. 15 page 24E

Fees _____