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STATE ENGINEER
SALEM OREGON

CERTIFICATE NO. 55190

* Reservoir Permit No. R 6072

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

I, Mark A. Melgard (Name of Applicant)

of 585 Winter Street N. E. (Mailing address), Salem (City)

State of Oregon, 97301 (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 (1) Melgard Lake and (2) Stock Pond

2. The name of the stream from which the reservoir is to be filled and the appropriation made is (1) ^{8/27/73 etc} Unnamed Stream # 2 (2) Unnamed Stream No. 3 (See added remarks) tributary of Willamette River

3. The amount of water to be stored is (1) 0.27 and (2) 0.007 acre feet.

4. The use to be made of the impounded water is (1) Irrigation and (2) Livestock Water (Irrigation, power, domestic supply, etc.)

5. The location of the proposed reservoir will be in Sec. (1) and (2) 26 (Give sections or townships to be submerged)

Tp. 8S, R. 4W, W.M., in the county of Marion

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

(1) Enlarge existing natural lake - outlet of silty clay soil.
(2) Stock Pond in channel of running stream - outlet silty clay soil.

(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 (1) and (2) SW $\frac{1}{4}$, NE $\frac{1}{4}$ (Smallest legal subdivision), Sec. 26

Tp. 8S, R. 4W, W.M. The maximum height will be (1) 4 feet above stream bed or ground
(2) 3 $\frac{1}{2}$ feet stock pond
surface on center line of dam. The length on top will be (1) 50 feet (2) 10 feet; length on bottom (1) 30 feet (2) 5 feet; width on top (1) 10 feet (2) 8 feet; slope on front or water side 3:1; slope on back 2:1; height of dam above water line when full (1) and (2) 2 $\frac{1}{2}$ feet.
(Feet horizontal to 1 vertical) (Feet horizontal to 1 vertical)

* 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: Dams (1) and (2) to be built of natural clay soil at site. Reservoirs are small and wave protection will be with sod.

8. The location of wasteway with dimensions are as follows: (State whether over or around the dam) (1) 1/2 circle of 12-inch corrugated metal pipe over dam at natural drainage channel protected with riprap. (2) 1/2 circle of 8-inch corrugated metal pipe over dam at natural drainage channel protected with riprap, to form open channel.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: (1) and (2) 8-inch corrugated metal pipe with cutoff collars and slide gates, located in the natural drainage channel. (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 (1) 0.18 & (2) 0.007 acres, with a maximum depth of water of (1) 5 feet (2) 1 1/2 feet; and approximate mean depth of water (1) 4 feet (2) 1 feet.

11. The estimated cost of the proposed work is \$..... 2,000.....

12. Construction work will begin on or before October 1973.....

13. Construction work will be completed on or before October 1975.....

[Handwritten Signature]
.....
(Signature of applicant)

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 ~~October 12~~ ~~October 23~~ ~~December 3~~, 19 ~~73~~ ~~73~~ ~~73~~.

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STATE ENGINEER
SALEM, OREGON

CHRIS L. WHEELER
STATE ENGINEER
BY *[Handwritten Signature]*
Wayne J. (Sylvan)

Remarks: Melgard Lake is a natural existing pond now with a surface area of 0.18 acres and an estimated mean depth of 3 feet. The capacity thus is 0.54 ac/ft. The improvements planned will raise the present level 1.5 feet and add 0.27 ac/ft to the storage capacity of the pond as shown in Item 3.

Stock will drink directly from stock pond.

The 4-inch pipe from unnamed stream No. 1 to Melgard Lake reservoir is to better the quality of the water in the lake during summer months. The initial filling will be from unnamed stream No. 2.

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 construction of Melgard Lake and stock pond and storage of water from 2 unnamed streams for irrigation from Lake and stock use from pond to be appropriated under Application No. 50664, Permit No. 37384, being 0.27 a.f. in Lake and 0.007 a.f. in pond.

The right hereunder shall be limited to the storage of 0.277 acre feet.

The priority date of this permit is June 14, 1973

Actual construction work shall begin on or before August 6, 1975 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1976

WITNESS my hand this 6th day of August, 1974

[Handwritten Signature]

STATE ENGINEER

Application No. **R-50663**

Reservoir Permit No. **R 6072**

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 14th day of June, 1973, at 8:00 o'clock A. M.

Returned to applicant:

Approved:

August 6, 1974

Recorded in Book No. _____ of _____ Reservoirs, on Page **R 6072**

CHRIS L. WHEELER
State Engineer

Drainage Basin No. 2 page 2817

Fees 50.00