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WATER RESOURCES DEPT.
SALEM, OREGON

"CERTIFICATE NO. 61422"

* Reservoir Permit No. R 6436

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

I, THE DELPHIAN FOUNDATION
(Name of Applicant)

of Route 2 Box 195, Sheridan
(Mailing address) (City)

State of Oregon, 97378, 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.
(Zip Code)

If the applicant is a corporation, give date and place of incorporation
December 31, 1973 in the State of Oregon

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

2. The name of the stream from which the reservoir is to be filled and the appropriation made is unnamed ephemeral tributary of Ash Creek
tributary of South Yamhill River

3. The amount of water to be stored is 7.4 acre feet.

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

5. The location of the proposed reservoir will be in Sec. 29
(Give sections or townships to be submerged)
Tp. 5S, R. 6W, W.M., in the county of Yamhill

(a) State whether situated in channel of running stream and give character of material at outlet dam is located in the channel of an ephemeral tributary to Ash Creek.

Character of material at outlet is Wapato silty clay loam with rock rip-rap.

(b) If not in channel of running stream, state how it is to be filled. If through a feed canal, give name and dimensions N/A

6. The dam will be located in NE¹/₄, SE¹/₄ of NW¹/₄, Sec. 29
(Smallest legal subdivision)
Tp. 5S, R. 6W, W.M. The maximum height will be 10 feet above stream bed or ground surface on center line of dam. The length on top will be 170 feet; length on bottom 210 feet; width on top 6 feet; slope on front or water side 2 to 1; slope on back 2 to 1; height of dam above water line when full 2 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: Compacted Willakenzie silty clay loam with a compacted clay core. Inner slope to be planted with ryegrass or equivalent above mean water level for erosion protection.

8. The location of wasteway with dimensions are as follows: approximate center of the dam, five feet from upstream edge of dam, two 30 inch CMP vertical standpipes. Inlet at 2 1/2 feet below top of dam. Outlet is two 28 foot 24 inch CMP at natural stream grade terminating in rock rip-rap.
(State whether over or around the dam)

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: 6 inch cast iron pipe with a 6 inch gate valve located 24 inches below natural grade at low point of dam (the approx. center of the dam).
(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 .92 acres, with a maximum depth of water of 10 feet; and approximate mean depth of water 8 feet.

11. The estimated cost of the proposed work is \$ 1500.00

12. Construction work will begin on or before November 1, 1975

13. Construction work will be completed on or before November 30, 1975

Alexis Deming
(Signature of applicant)
Secretary - Treasurer of
Delphian Foundation

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.....

.....
STATE ENGINEER
By
ASSISTANT

Remarks: The Foundation repaired an extant dam constructed in the early 1950's by the former owners. Although this structure does not meet current State specifications in regards to upstream slope and crest width, examination of the structure before repair revealed the dam was structurally sound. As this structure will be used to impound water for wildlife habitat and the actual impoundment is relatively small(7.4 acre-feet), coupled with the fact that there are no structures along the tributary between the dam and the tributary's confluence with Ash Creek, there is little risk of damage should the structure fail for any reason.

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 Clear Creek Reservoir and storage of water from an unnamed stream to be appropriated under Application No. 53781, Permit No. 40383 for wildlife habitat

The right hereunder shall be limited to the storage of 7.4 acre feet.

The priority date of this permit is November 28, 1975

Actual construction work shall begin on or before May 17, 1977 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1978.

WITNESS my hand this 17th day of May, 1976.

James E. Seyer
WATER RESOURCES DIRECTOR FH
B

R Application No. 53780
Reservoir Permit No. R 6436

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, 1925, at 8:00 o'clock A. M.

Returned to applicant:

Approved:

Recorded in Book No. _____ of Reservoirs, on Page R 6436

State Engineer

Drainage Basin No. 2 page 90 B.24

Fees 2.00