SEP 1 1962
STATE ENGINEER
SALEM, OREGON

* Reservoir Permit No. 3205

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

I. Frank G. Horvath
(Name of Applicant)

of Route 4, Box 8, Corvallis
(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 no

1. The name of the proposed reservoir is Lake Lenore

2. The name of the stream from which the reservoir is to be filled and the appropriation made is None - all summer flow is obtained from leakage, dumping & overflow of City of Corvallis reservoir.
tributary of watershed is approximately 40 acres all but 7-8 of which bypass the pond.

3. The amount of water to be stored is 6.0 acre feet.

4. The use to be made of the impounded water is primarily recreation - ~~some irrigation if water is available~~
(Irrigation, power, domestic supply, etc.)

5. The location of the proposed reservoir will be in Sec. NW¼ NW¼ Sec. 5
(Give sections or townships to be submerged)

Tp. 12S, R. 5W, W.M., in the county of Benton

(a) State whether situated in channel of running stream and give character of material at outlet
Drainage and natural winter runoff bypasses pond except for 7-8 acres.

(b) If not in channel of running stream, state how it is to be filled. If through a feed canal, give name and dimensions by 10" culvert equipped with valve connecting bypass ditch with pond

6. The dam will be located in NW¼ NW¼, Sec. 5,
(Smallest legal subdivision)
Tp. 12S, R. 5W, W.M. The maximum height will be 8 feet above stream bed or ground surface on center line of dam. The length on top will be 720 feet; length on bottom 450' at 4' depth feet; width on top 12 feet; slope on front or water side 3-1 (Feet horizontal to 1 vertical); slope on back 2-1 (Feet horizontal to 1 vertical); height of dam above water line when full 18 to 24 in. ~~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.

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7. *The construction of dam, the material of which it is to be built, and method of protection from waves are as follows:* earth construction - wave protection is not needed because of size, soil character and prevailing winds blowing from dam across pond.

8. *The location of wasteway with dimensions are as follows:* None from dam - water (State whether over or around the dam) supply bypasses pond. Pond is equipped with 8" automatic overflow pipe connected directly to outlet drain conduit.

9. *The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows:* Natural flow and city overflow water is bypassed. The reservoir (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) has a 8" corrugated drain pipe equipped with valve for drainage. Lake level is maintained as per item 8.

10. *The area submerged by the proposed reservoir, when full, will be* 1.6 *acres, with a maximum depth of water of* 9 *feet and approximate mean depth of water* 4 *feet.* this depth established by removal of material for dam.

11. *The estimated cost of the proposed work is* $ 1,000.

12. *Construction work will begin on or before* complete

13. *Construction work will be completed on or before* complete

Frank L Hamaker
(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 ~~COMPLETION~~ correction

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before ~~December 17~~ April 15, 19~~62~~ 63

WITNESS my hand this ~~16~~ 15 *day of* ~~October~~ February, 19~~62~~ 63

CHRIS L. WHEELER, STATE ENGINEER

By Walter Harris, ASSISTANT

Remarks: All of summer flow is obtained from leakage and overflow from City of Corvallis reservoir.

Construction details: No seepage is noted through dam (built 2 years ago). Earth in dam and within lake is primarily clay. Original construction design was for 9' top with 3-1 upstream and 2-1 downstream slopes. The toes extend to proper position for 9' top and lesser cross sections. However, in practice the top width is is 12 to 16 feet and apparent slope is less than design.

Watershed: Under natural conditions this site had only winter flows. Most of water is obtained from Corvallis reservoir seepage and overflow. All of the latter and most of the natural watershed bypasses the lake.

The dam has no flood spillway. However, construction is such that when lake raises more than 12 inches beyond design, the intake flow would reverse and enter the bypass channel.

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 Lake Lenore Reservoir and storage of water from an unnamed stream for recreational purposes to be appropriated under application No. 38081, permit No. 28556

The right hereunder shall be limited to the storage of 6.0 *acre feet.*

The priority date of this permit is September 17, 1962

Actual construction work shall begin on or before April 30, 1964 *and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 19* 65.

WITNESS my hand this 30th *day of* April, *19* 63.

Chris L. Wheeler
STATE ENGINEER

Application No. R-38080

Reservoir Permit No. R-3205

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 September, 1962 at 8:00 o'clock A. M.

Returned to applicant:

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Approved:

April 30, 1963

Recorded in Book No. 12 of Reservoirs, on Page 3205

Chris L. Hardie
State Engineer

Drainage Basin No. 2 page 22F

Fees $ 15