

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

I, Kenneth Howard Larsen
(Name of Applicant)

of Route 2, Box 369, Gaston, Oregon 97119
(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 -----

1. The name of the proposed reservoir is Ken Larsen Dam

2. The name of the stream from which the reservoir is to be filled and the appropriation made is an unnamed intermittent stream, a tributary of Chehalem Creek

3. The amount of water to be stored is 8.5 acre feet.

4. The use to be made of the impounded water is a fish pond
(Irrigation, power, domestic supply, etc.) *

5. The location of the proposed reservoir will be in Sec. 24
(Give sections or townships to be submerged)
Tp. 2S, R. 4W, W.M., in the county of Yamhill

(a) State whether situated in channel of running stream and give character of material at outlet
Situated in the channel of an intermittent stream. Material at the outlet consists of four feet of organic silty sand underlain by sandstone and shale.

(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 of SE 1/4, Sec. 24
(Smallest legal subdivision)
Tp. 2S, R. 4W, W.M. The maximum height will be 3 feet above stream bed or ground surface on center line of dam. The length on top will be one hundred sixty five feet; length on bottom one hundred fifty feet; width on top twelve feet; slope on front or water side 3:1; slope on back 2:1; height of dam above water line when full three 4.5 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: Earth spread in thin layers and compacted by suitable means as the dam is constructed. Reservoir will be protected by the canyon sides therefore no wave action is expected.

A minimum of 2 feet of free board is provided above contemplated maximum pool elevation.

8. The location of wasteway with dimensions are as follows: Earthen spillway around right abutment. Size to be determined as plans are completed. indicate (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: Reinforced concrete encased conduit eight inches in diameter (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) min size. 12" CMP thru dam at bottom with

friction tube spillway for pool control

10. The area submerged by the proposed reservoir, when full, will be 1.0 acres, with a maximum depth of water of 20.5 feet; and approximate mean depth of water 8.72 feet.

11. The estimated cost of the proposed work is \$3,000.00

12. Construction work will begin on or before August 1, 1966

13. Construction work will be completed on or before August 1, 1967

Handwritten signature of Kenneth H. Larsen

(Signature of applicant)

Kenneth H. Larsen

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 completion correction

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before March 17, 1966, October 4, 66

WITNESS my hand this 4th day of August, 1966

3:05 P.M.

CHRIS L. WHEELER

STATE ENGINEER

By Larry W. Johnson ASSISTANT

RECEIVED JUL 29 1966

Remarks: Work being done in cooperation with the
U.S. Soil Conservation Service
Plans prepared by private consulting engineers.

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 Ken Larsen Dam and storage of water from an unnamed stream to be appropriated under application No. 41772, Permit No. 31238 for fish culture.

The right hereunder shall be limited to the storage of 8.5 acre feet.

The priority date of this permit is July 29, 1966

Actual construction work shall begin on or before September 6, 1967 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1968.

WITNESS my hand this 6th day of September, 1966

[Signature]
STATE ENGINEER *aa.*

Application No. R-41771

Reservoir Permit No. R 4724

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 11th day of January, 1966, at 3:40 o'clock P. M.

Returned to applicant:

Approved:

September 6, 1966

Recorded in Book No. _____ of

Reservoirs, on Page R 4724

CHRIS L. WHEELER
State Engineer

Drainage Basin No. 2 page 62A25

Fees 975