

* Reservoir Permit No. **5602**

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

I, J. V. Downey (Name of Applicant)

of 4351 Kampstra S.E. Salem, Or. (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

2. The name of the stream from which the reservoir is to be filled and the appropriation made is

Palmer Creek
tributary of Yamhill River

3. The amount of water to be stored is 16.2 ~~1500~~ 16.2 acre feet.

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

5. The location of the proposed reservoir will be in Sec. 8
(Give sections or townships to be submerged)

Tp. 5S, R. 3W, W.M., in the county of Yamhill

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

In Channel of running stream Clay at 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

6. The dam will be located in SE 1/4 NW 1/4, Sec. 8
(Smallest legal subdivision)

Tp. 5S, R. 3W, W.M. The maximum height will be 7 feet above stream bed or ground surface on center line of dam. The length on top will be 13 feet; length on bottom 16 feet; width on top 11 feet; slope on front or water side 1:3; slope on back vert vert; height of dam above water line when full 12 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.

Corrections by: J.V. Downey Apr 28/70

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: Two reinforced Concrete Channels
(wall thickness = 12") with 4" x 4" timber beams
laid on sloping upstream face of concrete channels.

8. The location of wasteway with dimensions are as follows: wasteway over
(State whether over or around the dam)
top of 4" x 4" beams; 2 wasteways ^{4.8} 5 ft. wide
by 1 ft. deep.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: Reservoir can be drained by removing
(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)
4" by 4" timber beams.

10. The area submerged by the proposed reservoir, when full, will be 4.8 acres,
with a maximum depth of water of 7 to 7 feet; and approximate mean depth of water
3.4 6.34 feet.

11. The estimated cost of the proposed work is \$ 110000

12. Construction work will begin on or before _____

13. Construction work will be completed on or before Completed

J. L. Hawney
(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 August 26th, 1969
October 27 69

WITNESS my hand this 26th day of June, 1969
27th August 69

RECEIVED
DEC 4 1969
STATE ENGINEER
SALEM, OREGON

RECEIVED
AUG 18 1969
CHRIS L. WHEELER
STATE ENGINEER
By Larry W. Jebousek
ASSISTANT

Remarks: Description of Dam: A concrete slab with 3 vertical reinforced concrete walls about 14 feet long running parallel with creek bed. These concrete walls form two channels where water would flow. The upstream faces of these walls are made on about 65° slope. 4"x4" timber beams are layed across these channels to dam the creek. The height of dam can be varied. During winter these 4"x4" timber gates are removed. Reservoir will be refilled during irrigation season.

STATE OF OREGON, }
County of Marion, } ss.

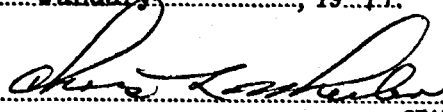
This is to certify that I have examined the foregoing application and do hereby grant the same, subject to the following limitations and conditions: The right herein granted is limited to the construction of reservoir and storage of water from Palmer Creek to be appropriated under application No. 45655, permit No. 34958 for irrigation and supplemental irrigation.

The right hereunder shall be limited to the storage of 16.2 acre feet.

The priority date of this permit is December 16, 1969

Actual construction work shall begin on or before January 11, 1972 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1972.

WITNESS my hand this 11th day of January, 1971.



STATE ENGINEER

PC
Application No. R-45654

Reservoir Permit No. R 5602

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 16th day of Dec, 1968, at 9:21 o'clock A. M.

Returned to applicant:

Approved:

January 11, 1971

Recorded in Book No. of

Reservoirs, on Page R 5602

CHRIS L. WHEELER
State Engineer

Drainage Basin No. 2 - page 90B.6

Fees \$ 20.00