

\* Reservoir Permit No. 4545

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

I, Bert VanderZanden (Name of Applicant)

of Route 1 Hillsboro (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

unnamed stream tributary of McKay Creek

3. The amount of water to be stored is 84 (see Ltr. 4-23-65) 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. 17 & 20 (Give sections or township to be submerged)

Tp. 1N, R. 2W, W.M., in the county of Washington

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

Dam is situated across the channel of an intermittent stream.

Material at outlet is silty clay loam.

(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 Twp. 1N, R. 2W, W.M., Sec. 2 (Smallest legal subdivision)

The maximum height will be 13.0 feet above stream bed or ground surface on center line of dam. The length on top will be 296 feet; length on bottom (approximately) 10 feet; width on top 10 feet; slope on front or water side 2:1; slope on back 3:1; height of dam above water line when full 3 feet. (see Ltr. 4-23-65)

\* 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.

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: Compacted earth fill. Protected from erosion by sod cover.

8. The location of wasteway with dimensions are as follows: Left abutment - spillway composed of a concrete channel 186' wide & 5.5' deep, opening into a concrete lined chute section which returns the flow to the stream channel.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: 6" diameter gate valve in bottom flashboard of 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 18.4 acres, with a maximum depth of water of 10.0 feet; and approximate mean depth of water 4.6 feet. (see Ltr. 4-23-65)

- 11. The estimated cost of the proposed work is \$ 6,000.
- 12. Construction work will begin on or before
- 13. Construction work will be completed on or before 10-1-65

*Bert Vander Zanden*  
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

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before 10-1-65

WITNESS my hand this \_\_\_\_\_ day of \_\_\_\_\_, 1965

By *Walter King*  
ASSISTANT ENGINEER

Remarks: .....

.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....

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 a reservoir and storage of water from an unnamed stream to be appropriated under application No. 38719, permit No. 30256 , for supplemental irrigation, and the dam shall be constructed under the supervision of a registered professional engineer.

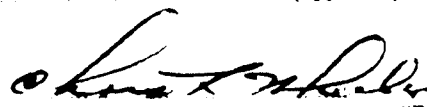
The right hereunder shall be limited to the storage of 84.0 acre feet.

The priority date of this permit is May 8, 1963

Actual construction work shall begin on or before May 20, 1966 and

shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1967 .

WITNESS my hand this 20th day of May , 19 65 .

  
STATE ENGINEER

Application No. *R-38718*

Reservoir Permit No. *4515*

**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 *8th* day of *May* 19*63* at *8:00* o'clock *A* M.

Returned to applicant:

Approved:

May 20, 1965

Recorded in Book No. \_\_\_\_\_ of Reservoirs on Page *4515*

*CHRIS L. WHEELER*  
State Engineer

Drainage Basin No. *2* page *6A20*

Fees: