

205-5-51

• Reservoir Permit No. 3412

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

I, Armond Arnoldus (Name of Applicant)

of Box 12, Alsea (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 Arnoldus Loop

2. The name of the stream from which the reservoir is to be filled and the appropriation made is Grande Ronde River tributary of Snake River

3. The amount of water to be stored is 30 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. 33 (Give sections or townships to be situated in)

Tp. 1 S., R. 39 East, W.M., in the county of Union

(a) State whether situated in channel of running stream and give character of material at outlet
Not situated in channel of running stream

(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 pumping over the levee (dam) from Grande Ronde River.

6. The dam will be located in NW 1/4 NE 1/4 and SW 1/4 NE 1/4 Sec. 33 (Smallest legal subdivision)

Tp. 1 S., R. 39 East, W.M. The maximum height will be 15 feet above stream bed or ground surface on center line of dam. The length on top will be 100 feet; length on bottom 35 feet; width on top 10 feet; slope on front or water side 3 to 1 (Feet horizontal to 1 vertical); slope on back 3 to 1 (Feet horizontal to 1 vertical); height of dam above water line when full 9 1/2 feet.

* A different form of application should be used for the appropriation of stored water to beneficial use. Such forms can be obtained 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: Earth dam - gravity type. 1200 ft. high.

8. The location of wasteway with dimensions are as follows: _____ (State whether located around the tank.)

(State whether over or around the town)

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows:

WS:
(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 _____ acres, with a maximum depth of water of _____ feet; and approximate mean depth of water _____ feet.

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

12. Construction work will begin on or before

13. Construction work will be completed on or before _____

James J. Thompson

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: Construction of the dam in the old channel of the river
years ago with the purpose of creating a loop off a well as protect from flood.

The second dam in the NW 1/4 Section 22, T. 33 N., R. 12 E.,
as part of the new levee in 1955 to increase the channel capacity.

It is advised that the dam be constructed with a spill way
a spill way is necessary. If a spill way is not provided
the dam will be subject to failure.

It is recommended that the dam be constructed with a spill way
in 1955 to increase the channel capacity.

This is to certify that the dam is a dam and is subject to the
when the water is raised to the top of the dam.

It is recommended that the dam be constructed with a spill way.

In application for the right to use the water for irrigation
filling of the dam is subject to the same conditions as the
and the dam is subject to the same conditions as the

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 Arnoldus Loop Reservoir and storage of water from Grande Ronde River to be
appropriated under application No. 38175, permit No. 28920 for 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 28.8 acre feet.

The priority date of this permit is December 24, 1962

Actual construction work shall begin on or before September 20, 1964 and

shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1965.

WITNESS my hand this 20th day of September, 1963.

Chas. L. White
STATE ENGINEER

Application No. *R-38317*

Reservoir Permit No. *R-3412*

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 *24th* day of *December*, 19*42* at *Eight* o'clock *A*. M.

Returned to applicant:

Approved:

September 20, 1903

Recorded in Book No. *12* of

Reservoirs, on Page *3412*

CHRIS L. WHEELER

State Engineer

Drainage Basin No. *8* page *12A*

Fees