

Reservoir Permit No. 1724

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

I, A. A. Anderson (Name of Applicant)

of Box 184 Amity (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 Art. Andersons

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

tributary of Salt Creek

3. The amount of water to be stored is 9 acre feet.

4. The use to be made of the impounded water is Irrigation & Supplemental Irrigation

5. The location of the proposed reservoir will be in Sec. 29

Tp. 5 S R. 4 W, W. M., in the county of Yamhill

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

All water will be confined to channel of running stream and 2 ft under the over-flow bank of said stream. Outlet consists of rip-rap and rock blanket over clay core dam which is provided with 30" C.I.P. outlet and rock spillway.

(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 NW 1/4 NE 1/4 Sec. 29 (Smallest legal subdivision)

Tp. 5 S R. 4 W, 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 48 feet; length on

bottom 40 feet; width on top 12 feet; slope of front

or water side 3:1; slope on back 2:1; height of dam above water line

when full 1 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.

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: Impervious Clay Core tamped in in layers with a dozer. Columnar basalt rip-rap and blanket on both sides of dam and top supplemented by concrete.

The dam has been in place since 1946 and requires little maintenance, now. The first two years wash occurred prior to the rip-rapping with heavy rock. No repairs has been required the last two years, however I have my own clay pit located only 40 ft. from the dam and I own my own rip-rap quarry, trucks and equipment; so it really would be no item if it was necessary for me to replace the dam each spring; but this is not necessary now after having balasted it.

8. The location of wasteway with dimensions are as follows: (State whether over or around the dam)

On West end of dam during fluctuations in stream flow; during freshets and high water the creek overflows its banks on both sides for several hundred feet in width.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: 30" C.I.P. at bottom of dam and I use 2 x 4" upright shut-off slats

(All dams across natural stream channels must be provided with an outlet conduit, of such capacity and location to pass the to maintain level; I have found this allows the fish to pass thru which I cannot see how they can thru some other dams which use the horizontal plank to close off the flow in the spring!

10. The area submerged by the proposed reservoir, when full, will be 1 1/2 acres, & all area confined to stream channel with a maximum depth of water of 7 feet; and approximate mean depth of water 6 feet.

11. The estimated cost of the proposed work is \$ 500 In place since 1946; see blue rint 1946-E

12. Construction work will begin on or before Application #1410; Permit 16801; Cert of Waterright #15811.

13. Construction work will be completed on or before Completed.

[Handwritten Signature]

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

Remarks: My dam has been in place since 1946, it having been constructed then to provide the diversion of water as granted in Certificate of Water Right #15811, and to assure me of the water supply, as the creek would dry up completely during the dry summer months. With the type of pump I use it is quite necessary to have this reservoir to operate it continuously, without it losing its priming.

The impounded water does not over-flow the banks of the normal running stream by two feet, when the reservoir is full.

As our property lines go to the center of the stream and the location of the terrain was such that the winter over-flow all, or almost all, would go across the neighbor's place, I removed approximately 1,500 cu. yds. of bank material on my side of the stream thus allowing the water to over-flow on me prior to going on the neighbor across the stream. This also allowed a quicker get-a-way for the water and it never gets as deep on their property during high water. By doing this I secured a perpetual easement from the adjoining property owner across the creek, to maintain my dam.

The terrain, back-water from Salt Creek, the Yamhill River, etc., is such that when the water flows over my dam the back-water is up to the height of the overflowing water and thus no severe wash occurs to the dam, and at this height of back-water, the stream over-flows its banks and the major stream flow of water is not in the summer channel of the stream, but over the adjoining land which is lower and provides a shorter route for the water than the stream 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 Art Anderson's Reservoir and the storage of water from Ash Swale to be appropriated under Application No. 29843, permit No. 23468 for irrigation and supplemental irrigation.

The right hereunder shall be limited to the storage of 9.0 acre feet.

The priority date of this permit is March 29, 1955

Actual construction work shall begin on or before July 20, 1956 and

shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1957.

WITNESS my hand this 20th day of July 1955

Lawrence A. Stanley
STATE ENGINEER

Application No. *R. 29842*
Reservoir Permit No. *R. 1724*

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 *29th* day of *March*, 19*55*, at *11.27* o'clock *A.* M.

Returned to applicant:

Approved:

July 20, 1955
Recorded in Book No. *6* of
Reservoirs, on Page *1724*

LEWIS A. STANLEY
STATE ENGINEER

Drainage Basin No. *2* page *904*

Filed 7/20/55