

APR 20 1973
STATE ENGINEER
SALEM, OREGON

CERTIFICATE NO. 55960

* Reservoir Permit No. R 6052

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

I, Fred F. and Ken H. Van Raden
(Name of Applicant)

of Rt. 1 Box 53 C, Hillsboro
(Mailing Address)

State of Oregon 97123, 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 Alderwood Lake

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

Rock Creek
tributary of Tualatin River

3. The amount of water to be stored is 76.18 - SEE REMARKS acre feet.

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

5. The location of the proposed reservoir will be in Sec. 26 & 27
(Give sections or townships to be submerged)

Tp. 2N, R. 12W, W.M., in the county of Multnomah and Washington

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

Situated in Channel of running stream. Dam will be earth fill with asphalt coated CMP Riser and conduit

(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 SW NW, Sec. 26
(Smallest legal subdivision)

Tp. 2N, R. 2N, W.M. The maximum height will be 27 feet above stream bed or ground
See plans that will follow

surface on center line of dam. The length on top will be 280 feet; length on bottom 280 feet; width on top 12 feet; slope on front

or water side 3:1; slope on back 2 1/2:1; height of dam above water line
(Feet horizontal to 1 vertical) (Feet horizontal to 1 vertical)

when full 6 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 97310.

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: See plans. The dam will be an earthfill structure made of compacted clay. The earth embankment and spillway will be planted to grass as protection against waves and moving water.

8. The location of wasteway with dimensions are as follows: around dam - see plans (State whether over or around the dam) A vegetated spillway will be located around the left abutment, 60 feet wide and 1 1/2:1 sideslopes. A short levee will be constructed at the downstream end of the spillway to protect the downstream toe of the dam from possible erosion.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: see proposed plans The outlet conduit will consist of an 8 inch CMP from inlet box to 36 inch riser and 18 inch CMP from riser to plunge pool. (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 9.4 acres, with a maximum depth of water of 20 feet; and approximate mean depth of water 8.1 feet.

11. The estimated cost of the proposed work is \$ 50,000⁰⁰

12. Construction work will begin on or before June 1974

13. Construction work will be completed on or before SEPT. 1974

X Kenneth H. Van Rader (Signature of applicant) Y Fred F. [Signature]

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 correction and completion

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before May 13, 1974.

WITNESS my hand this 13th day of March, 1974.

RECEIVED

CHRIS L. WHEELER

MAR 22 1974

STATE ENGINEER

STATE ENGINEER SALEM, OREGON

By Wayne J. Overcash

ASSISTANT

Remarks: ~~Construction plans are being prepared by the soil conservation~~
~~service office in Hillsboro. P.O. Box 497 Hillsboro 97123 Phone 548-7121~~

Plans will not be completed until summer of 1974. RECREATION WILL CONSIST
OF FISHING, SWIMMING, & BOATING.

16 ACRE FEET OF WATER WILL BE USED FOR IRRIGATION
WITH 60.18 ACRE FEET FOR RECREATION &
FISH CULTURE.

Construction plans have been completed and submitted to Oregon State Engineer
for review and approval. Plans completed by Klein Consulting Engineers,
2607 B Pacific Avenue, Forest Grove, Oregon 97116 Phone 229-5508 or 357-3394

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

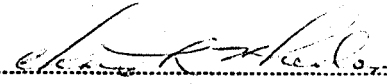
This is to certify that I have examined the foregoing application and do hereby grant the same,
subject to the following limitations and conditions: The right herein granted is limited to the construction
of Alderwood Lake Reservoir and storage of water from Rock Creek to be appropriated
under application No. 50325, Permit No. 37297, for irrigation and recreation and fish
culture being 16.0 af for irrigation and 60.18 af for recreation and fish culture.

The right hereunder shall be limited to the storage of 76.18 acre feet.

The priority date of this permit is April 20, 1973.

Actual construction work shall begin on or before April 22, 1975 and
shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1975.

WITNESS my hand this 22nd day of April, 1974.


STATE ENGINEER

Application No. *R-5033A*

Reservoir Permit No. *R 6053*

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 *20th* day of *April*, 19*73*, at *2:50* o'clock *A.*M.

Returned to applicant:

Approved:

April 22, 1974

Recorded in Book No. _____ of Reservoirs, on Page *R 6053*

CHRIS L. WHEELER
State Engineer

Drainage Basin No. *R* page *68815*

Fees *None*