

Application No. R-59017

Permit No. R-8148

STATE OF OREGON WATER RESOURCES DEPARTMENT

Application for a Permit to Construct a Reservoir
AUG 3 1979
WATER RESOURCES DEPT.
SALEM, OREGON

I, Larry Hays
(Name of Applicant)

of Rt. 2 Box 209A, Dayton, OR. 97114
(Mailing Address) (City)

State of Oregon, 97114, Phone No. 864-2011
(Zip Code)

do hereby make application for a permit to construct the Hays reservoir
and to store the unappropriated waters of the State of Oregon, subject to existing rights.

1. The name of the stream from which the reservoir is to be filled is un-named
tributary to Willamette River, about Mile 53.6

2. If not in channel of a stream, state how it is to be filled. N/A

3. The dam will be located in the S.W. $\frac{1}{4}$ of the N.E. $\frac{1}{4}$ of Section 3,
Township 4 S, Range 3 W, W. M.

4. The maximum height will be 15 feet above stream bed or ground surface at the
centerline. The top width will be 12 feet, slope of upstream face 3:1,
slope of downstream face 2:1, and height of dam above water line when full
5.5 feet. (30 feet for 100-yr. flood)
2.5

5. The dam will be (check one) earthfill, concrete, flashboard, other.

If "other", give description:

6. Give the location, description, and dimensions of the outlet conduit: 48" diameter
asphalt-coated corrugated metal pipe, 60" vert. spillway

(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)

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7. The impounded water will be used for irrigation & fish culture

(Lt. Aug 17, 1979 20)

20[±] acre feet for irrigation & 5[±] acre feet for Fish Culture

8. The amount of water to be stored is 25 acre feet.

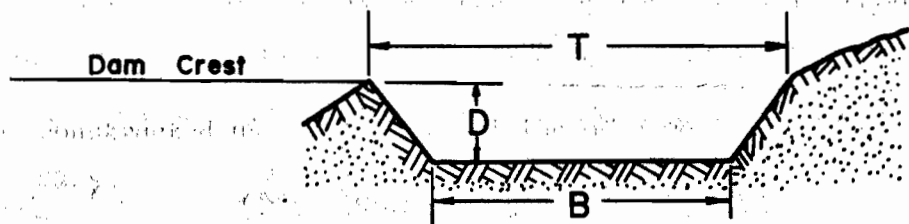
9. The area submerged by the reservoir, when full, will be 3.35 acres,

and the maximum depth of water will be 12 ft. at zero spillway discharge

13.80 ft. in 100-yr. flood

10. Give the location and dimensions of the spillway around East end of dam

(State whether over or around dam)



Emergency spillway control ~~3.25~~

5.0' below crest

WSR

The bottom width of the spillway, B, will be 15' ~~WSR~~ feet. (emergency spillway)

The top width of the spillway, T, will be 24' ~~WSR~~ feet.

The distance between the crest of the dam and the crest of the spillway, D, will be 4.0 ~~3.25~~ feet.
(Must be at least 2 1/4 feet)

If any other type of spillway describe and give dimensions:

Service spillway 60" circular C.M. pipe discharging through 48"

outlet to existing stream. Service spillway crest 5.5 ft. below

crest of dam.

11. Construction work will begin on or before August 15, 1979

12. Construction work will be completed and the reservoir filled by September 30, 1979

Remarks: Dam drain 12" diameter inlet to 48" diameter outlet pipe

slide gate valve mechanically actuated from crest by wheel and

shaft. Dam crest rock surfaced for road access to woodlot by

farm vehicles. (Engineer's Note: Values changed manually

due to revised instructions from owner)

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Samy D. Hays
Signature of Applicant

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 Water Resources Director with corrections on or before....., 19.....

WITNESS my hand this day of , 19.....

Water Resources Director

By

This instrument was first received in the office of the Water Resources Director at Salem, Oregon, on the 3rd day of August, 1979, at 1:27 o'clock P.M.

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

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 ...Hays... Reservoir and storage of water from an unnamed stream to be appropriated under Application No. 59018, Permit No. 44945 for irrigation and fish culture, and the dam shall be constructed under the supervision of a registered professional engineer.

The right hereunder shall be limited to the storage of 25.0 acre feet being 20.0 acre-feet for irrigation and 5.0 acre-feet for fish culture.

The priority date of this permit is August 3, 1979

Actual construction work shall begin on or before August 7, 1981 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1982.

WITNESS my hand this 7th day of August, 1980

James E. Severson Water Resources Director

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