

"CERTIFICATE NO. 58439"

Application No. R-58730

Permit No. R 7956

STATE OF OREGON WATER RESOURCES DEPARTMENT

Application for a Permit to Construct a Reservoir

RECEIVED

APR 26 1979

WATER RESOURCES DEPT. SALEM, OREGON

I, Sidney Van Dyke (Name of Applicant)

of 8105 Wallace Road N. W. (Mailing Address) Salem (City)

State of Oregon, 97304 (Zip Code), Phone No. 362-0496

do hereby make application for a permit to construct the Van Dyke 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 N/A tributary to

2. If not in channel of a stream, state how it is to be filled. rain water and flushing water from the dairy barns.

3. The dam will be located in the SW $\frac{1}{4}$ of the NW $\frac{1}{4}$ of Section 17, Township 6S, Range 3W, W. M.

4. The maximum height will be 6 feet 8 feet above stream bed or ground surface at the centerline. The top width will be 10 feet 3 feet, slope of upstream face 3 to 1, slope of downstream face 2 to 1, and height of dam above water line when full 2 7.5 foot 7.5 feet.

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: detailed plans to

G. Oberholtzer on April 24, 1979.) At sta. 112 A 6" plastic pipe through the dam for an overflow. The 2 of the pipe to be 2 ft. below the top of the dam at the outlet end.

\$20 EXAM 10 REC \$30

Application No. P-58730

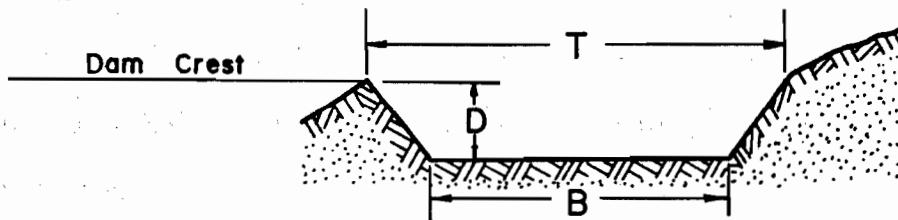
Permit No. R 7956
(10.5 a.f.)

7. The impounded water will be used for agricultural irrigation and recycled flushing water in the barns
(8.4 a.f.)

8. The amount of water to be stored is 18.18.9 acre feet.

9. The area submerged by the reservoir, when full, will be 192.25 acres,
and the maximum depth of water will be 10 feet.

✓ 10. Give the location and dimensions of the spillway See remarks
(State whether over or around dam)



The bottom width of the spillway, *B*, will be feet.

The top width of the spillway, *T*, will be feet.

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

If any other type of spillway describe and give dimensions:

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

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

12. Construction work will be completed and the reservoir filled by December 1979

Remarks: The reservoir is completely off channel. No surface drainage can enter. No emergency spillway designed. See Item #6

STATE OF OREGON
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JUN 20 1979
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MAY 31 1979

WATER RESOURCES DEPT. SALEM, OREGON

Subey Van Dyke
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..... correction and completion.....

In order to retain its priority, this application must be returned to the Water Resources Director with corrections on or before..... December 10....., 19..79.....

WITNESS my hand this9th..... day ofOctober....., 19..79.....

James E. Sexson..... Water Resources Director

By *Donald R. Buell*
Donald R. Buell

This instrument was first received in the office of the Water Resources Director at Salem, Oregon, on the 31 day of MAY, 19..79.., at 9:18 o'clock A.M.

Application No. R-58730

Permit No. R 7956

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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 Van Dyke Lagoon and storage of water from dairy barn waste to be appropriated under Application numbered 58731, Permit numbered 44518 for supplemental irrigation and dairy barn flushing; being 10.5 acre feet for irrigation and 8.4 acre feet for dairy barn flushing.

The right hereunder shall be limited to the storage of 18.9 acre feet.

The priority date of this permit is May 31, 1979 for 18.0 acre feet and November 14, 1979 for 0.9 acre foot.

Actual construction work shall begin on or before December 6, 1980 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1981.

WITNESS my hand this 6th day of December, 1979

James E. Burns Water Resources Director

1980 DECEMBER 11 AM 10:30

DLX