

Application No. R-568²8

Permit No. R 6763

10/16/77
20
20

RECEIVED STATE OF OREGON WATER RESOURCES DEPARTMENT

NOV 7 1977 Application for a Permit to Construct a Reservoir

WATER RESOURCES DEPT.
SALEM, OREGON

1 Mike Mc Crystal
(Name of Applicant)

of Rt. 2 Box 82, Dallas
(Mailing Address) (City)

State of Oregon, 97158, Phone No. 623-2750
(Zip Code)

do hereby make application for a permit to construct the Mc Crystal Reservoir 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 unnamed drainage way
tributary to Little Luckiamute River

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

3. The dam will be located in the S.W. $\frac{1}{4}$ of the N.E. $\frac{1}{4}$ of Section 23,
Township 8 S, Range 6 W, W. M.

4. The maximum height will be 9.8 feet above stream bed or ground surface at the
centerline. The top width will be 10 feet, slope of upstream face 3:1,
slope of downstream face 2:1, and height of dam above water line when full
2.5 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: 12" trickle tube
6" conduit & valve Assembly will be in center of dam

(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)

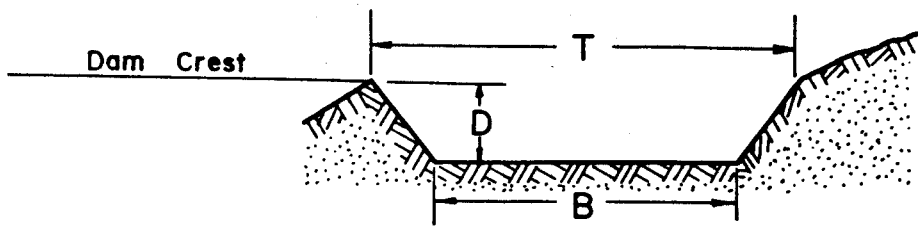
11 0303

7. The impounded water will be used for irrigation

8. The amount of water to be stored is 2.0 acre feet.

9. The area submerged by the reservoir, when full, will be 0.4 acres, and the maximum depth of water will be 9 feet. See remarks

10. Give the location and dimensions of the spillway around left abutment
(State whether over or around dam)



The bottom width of the spillway, B, will be 10 feet.

The top width of the spillway, T, will be 16 feet.

The distance between the crest of the dam and the crest of the spillway, D, will be 2.5 feet.
(Must be at least 2 1/4 feet)

If any other type of spillway describe and give dimensions:

11. Construction work will begin on or before 8/78

12. Construction work will be completed and the reservoir filled by 10/78

Remarks: The water will be deep because borrow material to build the dam will be excavated from the reservoir area.

RECEIVED

10 0000

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

Michael A. McCall
.....
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
7th day of *NOVEMBER*, 19 *77*, at *4:00* o'clock *P.*M.
Application No. *R-56828* Permit No. *R 6763*

11 0502

Application No. R-56828

Permit No. R 6763

M 2203

**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
McCrystal Reservoir and storage of water from unnamed drainage way to be appro-
priated under application No. 56829, permit No. 42627, for irrigation.*

The right hereunder shall be limited to the storage of 2.0 acre feet.

The priority date of this permit is November 7, 1977

*Actual construction work shall begin on or before March 1, 1979 and
shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1,
19...79.....*

WITNESS my hand this 1st day of March , 19. 78

[Handwritten Signature]
Water Resources Director

RLY 4