

Application No. **R-57070**

Permit No. **R 7833**

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JUN 14 1979
WATER RESOURCES DEPT.
SALEM, OREGON

STATE OF OREGON WATER RESOURCES DEPARTMENT
Application for a Permit to Construct a Reservoir

I, **FRED H. WILCOX** (Name of Applicant)
of **3212 Pioneer Road** (Mailing Address), **Medford,** (City)
State of **Oregon**, **97501** (Zip Code), Phone No. **535-2044**
do hereby make application for a permit to construct the **Wilcox** 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 **Mills Creek,**
a tributary to **Bear Creek.**

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

3. The dam will be located in the **SW** $\frac{1}{4}$ of the **SW** $\frac{1}{4}$ of Section **17**,
Township **38 S.**, Range **1 W.**, W. M.

4. The maximum height will be **10 plus** feet above stream bed or ground surface at the
centerline. The top width will be **12** feet, slope of upstream face **2:1**,
slope of downstream face **2:1**, and height of dam above water line when full
2 1/2 feet.

5. The dam will be (check one) earthfill, concrete, flashboard, other.
If "other", give description: **A concrete structure 7.5' in height will be built
in front of earthfill dam and connected to head of outlet conduit.
Water elevation can be controlled at this point with flashboards
5 feet in width.**

6. Give the location, description, and dimensions of the outlet conduit: **Through bottom of dam
using 48" diameter corrugated steel pipe set in concrete on water side.**
(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)
**Amount of water or water surface elevation controlled by flashboards at
head of outlet conduit.**

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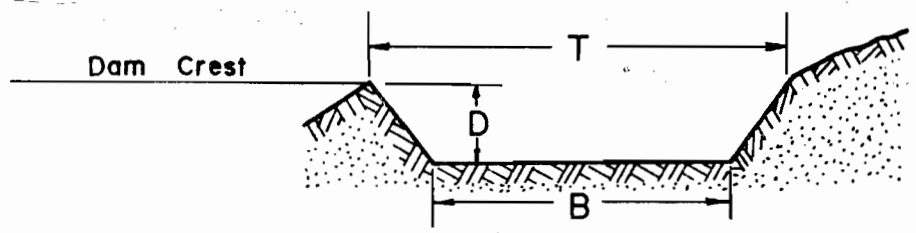
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7. The impounded water will be used for **Supplemental temperature control.**

8. The amount of water to be stored is **2.4 (see remarks)** acre feet.

9. The area submerged by the reservoir, when full, will be **0.6** acres, and the maximum depth of water will be **7.5** feet.

10. Give the location and dimensions of the spillway **around south end of dam.**
(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 **15** 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 2½ feet)

If any other type of spillway describe and give dimensions:

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11. Construction work will begin on or before **one year from date of priority.**

12. Construction work will be completed and the reservoir filled by **October 1, 1981.**

Remarks: **Storage area capacity to be enlarged by excavation of soil to construct main fill.**

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Fred N. Wilcox
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
14th day of JUNE, 19 79, at 8:00 o'clock A.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 Wilcox Reservoir and storage of water from Mill Creek to be appropriated under application No. 57071, permit No. 44232, for temperature control.

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The right hereunder shall be limited to the storage of 2.4 acre feet.

The priority date of this permit is June 14, 1979

Actual construction work shall begin on or before July 13, 1979 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1980

WITNESS my hand this 13th day of July, 1979


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Water Resources Director