

* Reservoir Permit No. R 5117

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

I, City of Eugene by Eugene Water & Electric Board
(Name of Applicant)

of P.O. Box 1112, Eugene, Oregon 97401
(Mailing Address)

State of _____, 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 Smith River
an element of Carmen-Smith Hydro electric Project.

2. The name of the stream from which the reservoir is to be filled and the appropriation made is Smith River and diverted flow of McKenzie River
tributary of McKenzie River

3. The amount of water to be stored is 1000 acre feet.
This 1000 acre feet is in addition to 14,000 acre feet under R--2139

4. The use to be made of the impounded water is POWER Dead Storage Dec 6, '67
(Irrigation, power, domestic supply, etc.)

5. The location of the proposed reservoir will be in Sec. 24, 25, 36
(Give sections or townships to be submerged)
Tp. 14 S, R. 6 E, W.M., in the county of Linn

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

(b) If not in channel of running stream, state how it is to be filled. If through a feed canal, give name and dimensions Filled by diversion from McKenzie River as well as channel flow of Smith River.

6. The dam will be located in NW¹ SW¹, Sec. 36
(Smallest legal subdivision)
Tp. 14 S, R. 6 E, W.M. The maximum height will be 215 feet above stream bed or ground surface on center line of dam. The length on top will be 1100 feet; length on bottom 400 feet; width on top 36 feet; slope on front or water side 2:1; slope on back 2:1; height of dam above water line when full 8 feet.
(Feet horizontal to 1 vertical) (Feet horizontal to 1 vertical)

* 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.

R 5117

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: Rock fill dam with impervious earth core. Protected by riprap as necessary.

8. The location of wasteway with dimensions are as follows: Spillway chute at right abutment. Chute is 15' wide at bottom, tapered walls 12 1/2' high.
(State whether over or around the dam)

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: Radial gate 20' x 23' at head of chute. Spillway designed for 8800 c.f.s. discharge
(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 170 acres, with a maximum depth of water of 215 feet; and approximate mean depth of water 77 feet.

11. The estimated cost of the proposed work is \$3,200,000

12. Construction work will begin on or before July 1, 1960

13. Construction work will be completed on or before October 1, 1963

City of Eugene by the Eugene Water & Electric Board

(Signature of applicant)

By:

Eyron Price, General Manager

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

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 State Engineer, with corrections on or before , 19

WITNESS my hand this day of , 19

STATE ENGINEER

By

ASSISTANT

Remarks: This application for additional storage under reservoir permit
has been made in order to meet requirements of increased final construction
volume for Smith Reservoir.

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

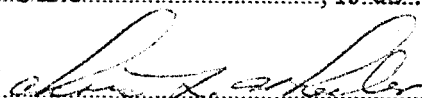
This is to certify that I have examined the foregoing application and do hereby grant the same,
subject to the following limitations and conditions: The right herein granted is limited to the construction
of Smith River Reservoir and storage of water from Smith River for dead storage

The right hereunder shall be limited to the storage of 1000.0 acre feet.

The priority date of this permit is October 30, 1967

Actual construction work shall begin on or before June 7, 1969 and
shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1970.

WITNESS my hand this 7th day of June, 1968.



STATE ENGINEER

pc

Application No. R-44210

Reservoir Permit No. R 5117

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 30th day of October, 1947, at 8:00 o'clock A. M.

Returned to applicant:

Approved:

June 7, 1968

Recorded in Book No. _____ of _____ Reservoirs, on Page R 5117

CHRIS L. WHELAN
State Engineer

Drainage Basin No. 2 page 284

Fees 12.00