

* Reservoir Permit No. R. 2139.....

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 the EUGENE WATER & ELECTRIC BOARD
(Name of Applicant)

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

State of Oregon, 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

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 14,000 acre feet.

4. The use to be made of the impounded water is storage for downstream power generation.
(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 will be in channel of Smith River with outlet in solid rock.

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

6. The dam will be located in N.W. 1/4 S.W. 1/4, 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 1,100 feet; length on bottom 400 feet; width on top 36 feet; slope of front or water side 2 : 1; slope on back 1 1/2 : 1; height of dam above water line when full 9 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.

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

8. The location of wasteway with dimensions are as follows: Side channel spillway around
(State whether over or around the dam)
right abutment. 70' wide. With bascule gate.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: Outlet through tunnel upstream from left abutment.
(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 200 feet; and approximate mean depth of water
77 feet.

11. The estimated cost of the proposed work is \$ 3,200,000.00

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

13. Construction work will be completed on or before 1 October 1962

CITY OF EUGENE, by the
EUGENE WATER & ELECTRIC BOARD
(Signature of applicant)

By: *Byron Price*
Byron Price, Superintendent

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: The purpose of this dam and reservoir is to provide storage to permit peaking operation of the Carmen power plant, as well as to provide some control of the river for better utilization of the resource.

Foundation exploration information and final design drawings will be submitted as completed.

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 therein of 14,000 acre-feet of water from Smith River and McKenzie River for downstream power generation under permit No. 25515.

The priority date of this permit is February 25, 1958.

This permit is granted subject to the condition that detailed plans and specifications of the Smith River Dam and appurtenant works be submitted and approved by the State Engineer before the beginning of construction.

This permit is granted subject to the further condition that the permittee will comply in all respects with the resolution of the State Water Resources Board of Oregon dated July 17, 1958, which resolution embodies a program for development of the water resources of the McKenzie River from Clear Lake downstream to River Mile 76.9 (below the mouth of Smith River) including Smith River and Bunch Grass Creek.

This permit is granted subject to all terms and conditions of that certain agreement made and entered into the first day of August 1958, by and between the City of Eugene, acting by and through the Eugene Water and Electric Board, party of the first part; and the State of Oregon, acting by and through the Oregon State Game Commission and the Fish Commission of Oregon, party of the second part, which agreement is recorded on Pages 2 to 5, Volume 4, Miscellaneous Records of the State Engineer and by reference made a part hereof.

Actual construction work under this permit shall be begun and completed within the time limits fixed in any license covering this project issued by the Federal Power Commission as provided in ORS 537.240 (4).

WITNESS my hand this 4th day of August 19 58.

Lewis A. Stanley
STATE ENGINEER

Application No. *R 32145*
Reservoir Permit No. *R 2139*

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 *25* day of *February*, 19*58*, at *11:43* o'clock *A.* M.

Returned to applicant:

Approved:

August 4, 1958
Recorded in Book No. *2439* of
Reservoirs, on Page

LEWIS A. STALEY
STATE ENGINEER

Drainage Basin No. *2* page *28F*

Fees