

\* Reservoir Permit No. 2764

## 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 Trail Bridge Reregulating Reservoir

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

tributary of .....

3. [ The amount of water to be stored is 1,300 acre feet.  
 [ This is 1,300 acre feet additional to 1,700 acre feet authorized by Permit R-2137

4. The use to be made of the impounded water is Downstream flow reregulation and power.  
(Irrigation, power, domestic supply, etc.)

5. The location of the proposed reservoir will be in Sec. Unsurveyed Area - About Sec. 11  
(Give sections or townships to be submerged)

Tp. 15 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 both Smith River and McKenzie River. Solid rock on left abutment.

(b) If not in channel of running stream, state how it is to be filled. If through a feed canal, give name and dimensions .....

6. The dam will be located in [ Unsurveyed Area About S. E. 1/4 S. E. 1/4, Sec. 11  
(Smallest legal subdivision)

Tp. 15, R. 6 E., W. M. The maximum height will be 87 feet above stream bed or ground surface on center line of dam. The length on top will be 770 feet; length on bottom 100 feet; width on top 24 feet; slope of front or water side 2-1/4 to 1:2 to 1; slope on back 2 to 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.

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

8. The location of wasteway with dimensions are as follows: Chute type is rock with concrete wall on one side, 30' x 32' at intake and then varying in size to discharge end.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: Tunnel in rock around left abutment. Approximately 12' in diameter and discharge through turbine or synchronous bypass valve.

10. The area submerged by the proposed reservoir, when full, will be 118 acres, with a maximum depth of water of 82 feet; and approximate mean depth of water 30 feet.

11. The estimated cost of the proposed work is \$ 3,900,000

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

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

(Signature of applicant)

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

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

Remarks: The primary purpose of this dam and reservoir is to reregulate the uneven flows resulting from peaking operation of the Carmen Power Plant upstream. Power will be installed to make full utilization of the resource.

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

This application is for storage of water in addition to that authorized under Permit No. R-2137.

CITY OF EUGENE, by the  
EUGENE WATER & ELECTRIC BOARD.

By:   
Byron Price,  
Superintendent-Secretary.

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 enlargement of Trail Bridge Reregulating Reservoir and the storage therein of an additional 1,300 acre-feet of water from the McKenzie River for downstream flow regulation and power development under permit No. 26509.

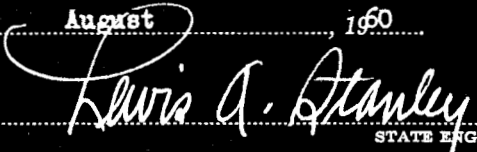
The priority date of this permit is April 18, 1960.

This permit is granted subject to the 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 1st 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 Page 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 by ORS 537.240 (4).

WITNESS my hand this 12th day of August, 1960.

  
STATE ENGINEER

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Application No. R-23883  
Reservoir Permit No. R-2364

**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 18<sup>th</sup> day of April, 1960, at 2:00 o'clock P. M.

Returned to applicant:

Approved:

AUGUST 12, 1960  
Recorded in Book No. 2053 of  
Reservoirs, on Page 244

LYLES R. SMITH  
STATE ENGINEER

Drainage Basin No. R page 24A