

* Reservoir Permit No. *R. 2137*.....

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 Willamette River

3. The amount of water to be stored is 1,700 acre feet.

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 SE 1/4 SE 1/4, Sec. 11,
(Smallest legal subdivision)
 Tp. 15 S., R. 6 E., W. M. The maximum height will be 90 feet above stream bed or ground surface on center line of dam. The length on top will be 500 feet; length on bottom 100 feet; width on top 34 feet; slope of front or water side 2 1/4 : 1; slope on back 1.4 : 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: Rockfill dam with impervious earth core. Protected by riprap as necessary.

8. The location of wasteway with dimensions are as follows: Side channel spillway in rock around left abutment. 35' wide.
(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: Tunnel in rock around left abutment. Approximately 12' in diameter and discharging through turbine or synchronous bypass valve.
(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 56 acres, with a maximum depth of water of 72 feet; and approximate mean depth of water 30 feet.

11. The estimated cost of the proposed work is \$ 2,000,000.00

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: [Signature]
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

R
Application No. *32142*
Reservoir Permit No. *R-2137*

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. *8* of
Reservoirs, on Page *237*.

LEWIS A. STALEY
STATE ENGINEER

Drainage Basin No. *2* page *24A*

Fees