

\*APPLICATION FOR PERMIT

# To appropriate the Public Waters of the State of Oregon

I, City of Eugene, Oregon, by and through 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 appropriate the following described public waters of the State of Oregon, **SUBJECT TO EXISTING RIGHTS:**

If the applicant is a corporation, give date and place of incorporation

1. The source of the proposed appropriation is McKenzie River  
(Name of stream)  
, a tributary of Willamette River

2. The amount of water which the applicant intends to apply to beneficial use is 300  
cubic feet per second.  
(If water is to be used from more than one source, give quantity from each)

\*\*3. The use to which the water is to be applied is electric power production  
(Irrigation, power, mining, manufacturing, domestic supplies, etc.)

4. The point of diversion is located 4.915 ft. N. 90° 30' W. 301 ft.  
(N. or S.) (E. or W.) from the 1/4  
corner of on the south line of Sec. 31 T. 16 S. R. 2 E. W. M.  
(Section or subdivision)

The point of diversion is located 2,354 ft. S., 50' 10' W. from the  
North Corner of Sec. 31, T. 16 S., R. 2 E., W. M.

(If preferable, give distance and bearing to section corner)

(If there is more than one point of diversion, each must be described. Use separate sheet if necessary.)

being within the N.E. 1/4 of Sec. 31, Tp. 16 S.  
(Give smallest legal subdivision) (N. or S.)

R. 2 E., W. M., in the county of Lane  
(E. or W.)

5. The canal to be 5.05 miles  
(Main ditch, canal or pipe line) (Miles or feet)  
in length, terminating in the S.E. 1/4 of Sec. 9, Tp. 17 S.  
(Smallest legal subdivision) (N. or S.)

R. 1 E., W. M., the proposed location being shown throughout on the accompanying map.  
(E. or W.) Refer to Permit No. 8449 for map reference.

DESCRIPTION OF WORKS

Diversion Works— As constructed

6. (a) Height of dam -- feet, length on top -- feet, length at bottom  
feet; material to be used and character of construction --

(Use same form as for rock and brush, timber crib, etc., wasteway over or around dam)

(b) Description of headgate --  
(Timber, concrete, etc., number and size of openings)

(c) If water is to be pumped give general description --  
(Size and type of pump)

(Size and type of engine or motor to be used, total head water is to be lifted, etc.)

\*A different form of application is provided where storage works are contemplated.

\*\*Application for permits to appropriate water for the generation of electricity, with the exception of municipalities, must be made to the Hydroelectric Commission. Either of the above forms may be secured, without cost, together with instructions by addressing the State Engineer, Salem, Oregon.

Canal System or Pipe Line— **As constructed**

7. (a) Give dimensions at each point of canal where materially changed in size, stating miles from headgate. At headgate: width on top (at water line) 48 feet; width on bottom 48 feet; depth of water 13 feet; grade 0.29 feet fall per one thousand feet.

(b) At one miles from headgate: width on top (at water line) 33 feet; width on bottom 30 feet; depth of water 13 feet; grade 0.29 feet fall per one thousand feet.

(c) Length of pipe, ft.; size at intake, in.; size at ft. from intake in.; size at place of use in.; difference in elevation between intake and place of use, ft. Is grade uniform? Estimated capacity, sec. ft.

8. Location of area to be irrigated, or place of use Leaburg Power plant

Township North or South	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
17 S.	1 E.	2	Sub. Sub.	

(If more space required, attach separate sheet)

(a) Character of soil

(b) Kind of crops raised

Power or Mining Purposes—

9. (a) Total amount of power to be developed 3,000 theoretical horsepower.

(b) Quantity of water to be used for power 300 sec. ft.

(c) Total fall to be utilized 88 (Head) feet.

(d) The nature of the works by means of which the power is to be developed Francis

Turbine and Generator

(e) Such works to be located in S.E. 1/4 of Sec. 9 (Legal subdivision)

Tp. 17 S., R. 1 E., W. M. (No. N. or S.) (No. E. or W.)

(f) Is water to be returned to any stream? Yes (Yes or No)

(g) If so, name stream and locate point of return McKenzie River

N.E. 1/4, Sec. 16, Tp. 17 S., R. 1 E., W. M. (No. N. or S.) (No. E. or W.)

(h) The use to which power is to be applied is electricity for City of Eugene and contiguous territory.

(i) The nature of the mines to be served

Municipal or Domestic Supply—

10. (a) To supply the city of -----  
----- County, having a present population of -----  
(Name of)  
and an estimated population of ----- in 19-----

(b) If for domestic use state number of families to be supplied -----

(Answer questions 11, 12, 13, and 14 in all cases)

- 11. Estimated cost of proposed works, \$ -----
- 12. Construction work will begin on or before -----
- 13. Construction work will be completed on or before ----- Construction completed.
- 14. The water will be completely applied to the proposed use on or before June 1, 1955.

EUGENE WATER & ELECTRIC BOARD

(Signature of applicant)

By: -----  
General Supt.-Sec'y.

Remarks:

This application is for the purpose of acquiring water rights in excess of that quantity now appropriated under Permit No. 8449. The original application was predicated upon a design discharge for 2 turbines of 2,200 c.f.s. Actual performance of the turbine now installed, based on calculated performance curves for one of two units at moderate flows and actual head, indicates that the 2 turbines are capable of producing maximum power at a total discharge of 2,500 c.f.s. --an increase in flow of 300 c.f.s. due to inherent turbine physical characteristics. Reference is made to the statement of limitations and conditions attached to Permit No. 8449 in which it is stated that flows below the diversion shall not be diminished below 500 c.f.s. until such time that a smaller quantity may be fixed by the State Engineer. Use of water under this application would be subject to the same limitations.

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 completion.

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before March 13, 1955.

WITNESS my hand this 12th day of February, 1955.

LEWIS A. STANLEY

By -----  
Chris L. Wheeler, Assistant

dg

PERMIT

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 EXISTING RIGHTS and the following limitations and conditions:

The right herein granted is limited to the amount of water which can be applied to beneficial use and shall not exceed 300 cubic feet per second measured at the point of diversion from the stream, or its equivalent in case of rotation with other water users, from ...

The use to which this water is to be applied is Electric Power Production

If for irrigation, this appropriation shall be limited to ... of one cubic foot per second or its equivalent for each acre irrigated.

This appropriation shall be limited to the amount of water which can be applied to beneficial use and not to exceed 300 cubic feet per second, provided that ... times the quantity of water flowing in the main channel of the ... of this applicant's diversion shall not be diminished to a point that will materially injure fish life in the stream, including migratory fish or other species, and further that the quantity shall not be diminished below 500 cubic feet per second, such time as on proper showing the reasonable conclusion is that a smaller quantity of water is sufficient for the protection of such fish life ... quantity to be fixed by the State Engineer.

and shall be subject to such reasonable rotation system as may be ordered by the proper state officer.

The priority date of this permit is ...

Actual construction work shall begin on or before ... and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 19...

Complete application of the water to the proposed use shall be made on or before October 1, 19...

WITNESS my hand this ... day of ... 19...

STATE ENGINEER

Application No. 29722  
Permit No. 225  
**PERMIT**  
TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF OREGON  
This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 24<sup>th</sup> day of January, 1955, at 8:00 o'clock A.M.  
Return to applicant:  
Approved: \_\_\_\_\_  
Recorded in book No. 220759  
Permits on page \_\_\_\_\_  
STATE ENGINEER  
Drainage Basin No. 2  
State Printing 6697  
Fee paid \$2.00