

## \*APPLICATION FOR PERMIT

## To Appropriate the Public 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 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 Smith River a tributary of the McKenzie River and water stored in Smith River Reservoir, the Garner Diversion Reservoir, and water from the McKenzie, a tributary of Willamette River  
(Name of stream)

2. The amount of water which the applicant intends to apply to beneficial use is 1,900 S.G. Ft. Additional to 1,900 Sec. Ft. authorized by Permit No. 25519.  
cubic feet per second with 2,300 Cu. Ft. per sec. from McKenzie and 1,000 Cu. Ft. per sec. from Smith River.  
(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 Generation of electric power  
(Irrigation, power, mining, manufacturing, domestic supplies, etc.)

from the McKenzie River

4. The point of diversion is located 2,400 ft. S. and 1,800 ft. W. from the N. 1/4 corner of Sec. 20, T. 14 S., R. 2 E., W.M., being within the S. 1/4 of N. W. 1/4  
(N. or S.) (E. or W.)  
(Section or subdivision)

The point of diversion from Smith River is located 2,000 Ft. N. and 1,100 Ft. W. from the S. 1/4 Sec. Cor. of Sec. 30, T. 14 S., R. 2 E., W.M., being within the S. E. 1/4 of N. W. 1/4 of said Sec. 30, both in Linn County.  
(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 \_\_\_\_\_ of Sec. \_\_\_\_\_, Tp. \_\_\_\_\_,  
(Give smallest legal subdivision) (N. or S.)

R. \_\_\_\_\_, W. M., in the county of \_\_\_\_\_  
(E. or W.)

5. The (see item 4) to be \_\_\_\_\_  
(Main ditch, canal or pipe line) (Miles or feet)

in length, terminating in the \_\_\_\_\_ of Sec. \_\_\_\_\_, Tp. \_\_\_\_\_,  
(Smallest legal subdivision) (N. or S.)

R. \_\_\_\_\_, W. M., the proposed location being shown throughout on the accompanying map.  
(E. or W.)

## DESCRIPTION OF WORKS

## Diversion Works—

6. (a) Height of dam \_\_\_\_\_ feet, length on top \_\_\_\_\_ feet, length at bottom \_\_\_\_\_ feet; material to be used and character of construction \_\_\_\_\_  
(Loose rock, concrete, masonry, rock and brush, timber crib, etc., wasteway over or around dam)

(b) Description of headgate Both tunnel intakes to be of concrete, protected by trash racks and controlled by a wheel gate on the power tunnel and stop logs on the diversion tunnel.  
(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.)

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

(b) At ..... miles from headgate: width on top (at water line) ..... feet; width on bottom ..... feet; depth of water ..... feet; grade ..... 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 .....

Township North or South	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
15 S	6 E	12	NE 1/4 NW 1/4	Power (Electrical)

BAA

5. The diversion tunnel from the McKenzie to Sulch River to be 41,000 feet in length, commencing in the N. W. 1/4 of S. 14 of T. 14 N., R. 2 E., W. 12, and the power tunnel from the Sulch River back to the McKenzie to be 1,000 feet in length and 42 inches in diameter to be prosecuted, commencing in the S. 14 of T. 14 N., R. 2 E., W. 12, S. 14 of S. 12, T. 14 N., R. 2 E., W. 12.

The McKenzie Dam -- height of dam 27 feet, length of crest 2,100 feet, length on bottom 2,100 feet, to be constructed of rock and earthfill and covered by riprap, both up and downstream.

The Sulch River Dam -- height of dam 215 feet, length of crest 1,000 feet, length on bottom 400 feet to be constructed of rock and earthfill and with a sloping earth fill on one side.

(b) Kind of crops raised .....

Power or Mining Purposes--

9. (a) Total amount of power to be developed ..... 113,734 ..... theoretical horsepower. (In addition to 121,841 authorized under Permit No. 2919.)  
 (b) Quantity of water to be used for power ..... 1,500 ..... sec. ft. (In addition to 1,900 Sec. Ft. authorized under Permit No. 2919.)  
 (c) Total fall to be utilized ..... 527 Ft. Maximum ..... feet. (430 Ft. Average)  
 (Head)  
 (d) The nature of the works by means of which the power is to be developed .....

(e) Such works to be located in ..... Unsurveyed N. E. 1/4 N. W. 1/4 of Sec. 12 ..... (Legal subdivision)

Tp. 15 S. (No. N. or S.), R. 6 E. (No. E. or W.), W. M.

(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, Unsurveyed

..... Sec. 12 ..... Tp. 15 S. (No. N. or S.), R. 6 E. (No. E. or W.), W. M.

(h) The use to which power is to be applied is ..... The ground was supply to the Portland Hydro Water & Electric Board system.

(i) The nature of the mines to be served .....

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, \$ 21,000,000 \_\_\_\_\_

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

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

14. The water will be completely applied to the proposed use on or before October 1, 1963 \_\_\_\_\_

(Signature of applicant)

Remarks: The entire project, except a portion of the transmission line, is located within the Willamette National Forest.

An application for beneficial use of water from the McKenzie just below the mouth of Smith River is being filed concurrently with this application. Both applications should be considered together since both are essential parts of the same project, the other application being in connection with reregulation of peaking flows resulting from operation of the power plant described herein.

This application should be considered as additional to water authorized under Permit No. 25115.

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, 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\_\_\_\_\_

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 1,900 cubic feet per second measured at the point of diversion from

~~Smith River and Smith Reservoir to be constructed under permit No. R-2139 and the McKenzie River and Carmen Diversion Dam to be constructed under permit No. R-2138, being 1,400 cubic feet per second from the McKenzie River and 500 cubic feet per second from the Smith River.~~

The use to which this water is to be applied is electric power generation.

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

The appropriation authorized herein is supplemental to or an enlargement of the right granted by permit No. 25515 issued by the State Engineer on August 4, 1958.

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 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 by ORS 537.240 (4).

Complete application of the water to the proposed use shall be made on or before October 1, 1965..

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

*Lewis A. Stanley*  
STATE ENGINEER

Application No. 33884  
Permit No. 26808

**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 18th day of April  
1960, at 2:00 o'clock A. M.

Returned to applicant:

Approved:

August 12, 1960

Recorded in book No. 73 of

Permits on page 68830

**LEWIS A. STANLEY**  
STATE ENGINEER

Drainage Basin No. R page 286

Fees .....