

APPLICATION FOR PERMIT

To appropriate the Public Waters of the State of Oregon

I, CITY OF HIGHER, BY HIGHER WATER & ELECTRIC BOARD
of HIGHER
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 THE MCKENZIE RIVER and JAMESON CREEK and WALTERVILLE PUMPED STORAGE POND, a tributary of THE WILLAMETTE RIVER

2. The amount of water which the applicant intends to apply to beneficial use is 600 cubic feet per second. PLUS 375 C.F.S. EWEIB BONGS from the McKenzie River in addition to the present 1,600 c.f.s.; and 2 c.f.s. from Jameson Creek

3. The use to which the water is to be applied is Hydro-electric power

4. The point of diversion is located 400 ft. South and 170 ft. West from the N.E. corner of S.E. 1/4 Sec. 23, 17 S.R. 1 W. W.M. This is the diversion from the McKenzie River. Diversion from Jameson Creek is 700 feet North and 1,760 feet West from the S.E. corner of Sec. 21, Tp. 17 S. R. 1 W. W.M.

being within the N.E. 1/4 of S.E. 1/4 of Sec. 23, Tp. 17 S. R. 1 W., W. M., in the county of Lane, and the S.W. 1/4 of the S.E. 1/4 of Section 21, Tp. 17 S.R. 1 W. W.M., in Lane County

5. The Canal is 3.8 miles in length, terminating in the N.E. 1/4 of S.W. 1/4 of Sec. 29, Tp. 17 S. R. 1 W., W. M., the present location being shown throughout on the accompanying map.

DESCRIPTION OF WORKS

Diversion Works—

6. (a) Height of dam no dam feet, length on top feet, length at bottom feet; material to be used and character of construction Diversion works, very temporary in character, will be put in at times of extreme low water as found necessary

(b) Description of headgate concrete 2 - 12' x 24' openings

(c) If water is to be pumped give general description

*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.

Canal System or Pipe Line—

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) 69 feet; width on bottom 27 feet; depth of water 1 1/4 feet; grade 0.2 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	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
178.	1 W. W.M.	29	N.E. 1/4 of N.W. 1/4	(Location of Power Plant)

(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 13,763 theoretical horsepower.
 of which 10,000 is already covered by Claim No. 545
 (b) Quantity of water to be used for power 2,202 sec. ft. 1,600 c.f.s. already in use under Permit No. 5427
 (c) Total fall to be utilized 55 (Head) feet.

(d) The nature of the works by means of which the power is to be developed vertical shaft, adjustable blade propeller type turbine, direct connected to electric generator.

(e) Such works to be located in N.E. 1/4 of N.W. 1/4 of Sec. 29
(Legal subdivision)

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

N.E. 1/4 of S.W. 1/4, Sec. 25, Tp. 17 S. (No. N. or S.), R. 2 W. (No. E. or W.), W. M.

(h) The use to which power is to be applied is addition to the municipal supply for the City of Eugene and vicinity

(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 _____

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 _____ works, \$ 1,884,000.00
- 12. Construction work will begin on or before Sept. 1, 1947
- 13. Construction work will be completed on or before March 1, 1950
- 14. The water will be completely applied to the proposed use on or before March 1, 1951

CITY OF EUGENE
BY: EUGENE WATER & ELECTRIC BOARD
(Signature of applicant)

[Signature]
General Supt.-Sec'y.

Remarks: Reference is made to Permit No. 5427 and Claim No. 545 under which the present WALTERVILLE Plant operates. Due to the age of the present plant and its normal depreciation it is now necessary to replace the existing machinery. The City of Eugene is in need of additional power and it is now proposed to enlarge, improve and modify the present works in their present location and by so doing increase the head from 48 to 55 feet, and increase the flow to a maximum of 2,202 c.f.s. at the times when this amount of water is available for diversion. This application is intended to cover the diversion of 602 c.f.s. ^{plus 375 c.f.s. (Bald)} in addition to the 1,600 c.f.s. now claimed, and also the increase in horsepower through the increased head.

Beginning of construction, consisting of contracting for machinery, will start as soon as specifications can be drawn and the contract let. It is estimated that 2 1/2 years will be required for construction and an additional year for trials and seasoning to enable complete utilization of the water.

It will be noted that this application places the point of return to the river in the S.W. 1/4 of Sec. 25, T. 17 S. R. 2 W. W.M. which is the actual point of return to the present active river at low and moderate stages.

Revised total appropriation - 2,577 c.f.s. *[Signature]*

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 July 16, 19 53.

WITNESS my hand this 16th day of June, 19 53.

CHAS. W. STRICKLIN

By *[Signature]*
Chris L. Wheeler, ASST

eh

PERMIT

STATE OF OREGON,

County of Marion,

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 977.0 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 McKenzie River, Jameson Creek and Waltherville Pumped Storage Pond to be constructed under Application No. E-29278, Permit No. R-1610, being 975.0 c.f.s. from McKenzie River and 2.0 c.f.s. from Jameson Creek.

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

This permit is issued subject to the terms and conditions of Special Order of the State Engineer, dated September 17, 1954 in the matter of Application No. 22597 in the name of City of Eugene.

If for irrigation, this appropriation shall be limited to of one cubic foot per second

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 June 2, 1947 for 500 c.f.s. and August 14, 1950 for 100 c.f.s. August 24, 1951 for 2.0 c.f.s. and June 25, 1953 for 375.0 c.f.s.

Actual construction work shall begin on or before September 20, 1955 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1956.

Complete application of the water to the proposed use shall be made on or before October 1, 1957

WITNESS my hand this 20th day of September 19 54

Walter E. Sticklin STATE ENGINEER

Permits for power development are subject to the payment of annual fees as provided in sections 1 and 2, chapter 14, Oregon Laws 1933.

Application No. 22597

Permit No. 23041

PERMIT

TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF OREGON

Division No. District No.

This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 20th day of JUNE 1947, at 8:00 o'clock A. M.

Returned to applicant:

June 16, 1953

Corrected application received:

Approved:

September 20, 1954

Recorded in book No. 60 of

Permits on page 23041

WALTER E. STICKLIN STATE ENGINEER

Drainage Basin No. 2 Page 23

Fees Paid \$75.35