

*APPLICATION FOR PERMIT

To appropriate the Public Waters of the State of Oregon

I, City of Eugene, by Eugene Water & Electric Board
(Name of applicant)
of 1116 Willamette Street, Eugene, Lane County,
(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 a Municipal
Corporation. City of Eugene incorporated 1862.

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 183
C¹⁵¹⁸⁰ P¹⁷³⁵⁸
cubic feet per second. in addition to present permits for 27 cfs and 90 cfs.
(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 Municipal water supply for City of
Eugene, Oregon and vicinity.
(Irrigation, power, mining, manufacturing, domestic supplies, etc.)

4. The point of diversion is located 560 ft. N. and 512 ft. E. from the S.W.
(N. or S.) (E. or W.)
corner of Sec. 20 of Township 17 South, Range 2 West of the Willamette Meridian (Corner
(Section or subdivision)
common to Sections 19, 20, 29 and 30, Township 17 South, Range 2 West, of the
Willamette Meridian).

(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 S.W. 1/4 of the S. W. 1/4 of Sec. 20, Tp. 17 S.
(Give smallest legal subdivision) (N. or S.)

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

5. The main pipe lines are to be 34,000 feet
(Main ditch, canal or pipe line) (Miles or feet)

in length, terminating in the S. E. 1/4 of S. E. 1/4 of Sec. 30, Tp. 17 S.
(Smallest legal subdivision) (N. or S.)
and S. E. 1/4 of Sec. 32, of W.M. in the Northeasterly edge of the City of Eug.
R. 3 W., 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 No dam. feet, length on top feet, length at bottom feet; material to be used and character of construction Two intakes with pump houses
(Loose rock, concrete, masonry)

on solid rock close to bank of river, with short intake section from river to pumps,
rock and brush, timber crib, etc., wasteway over or around dam

through screens.
(b) Description of headgate Timber stop logs in intake section
(Timber, concrete, etc., number and size of openings)

(c) If water is to be pumped give general description Water pumped from river to treatment
(Size and type of pump)
plant on near-by hill. Will require approximately 5,700 H.P. ultimately. Presently
(Size and type of engine or motor to be used, total head water is to be lifted, etc.)
have 2,300 H.P. installed with provisions for 1,800 additional. Plan to modify
existing intakes to accommodate full requirements.

*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
Committee on Public Utilities of the State of Oregon, with the exception of municipalities, must be made to the
State Engineer, Salem.

7. (a) Give dimensions at each point of canal where materially changed in size, starting miles from 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, 34,000 ft.; size at intake, Existing 36" + 42" Add 42" in.; size at 1,600 ft. from intake Existing 30" + 45" Add 60" in.; size at place of use Existing 30" + 42" Add 60" in.; difference in elevation between intake and place of use. 26 ft. Is grade uniform? No Estimated capacity, 300 sec. ft.

8. Location of area to be irrigated, or place of use City of Eugene and Vicinity

Township North or South	Range E or W. of Williams Meridian	Section	Section
T 16 S.	R. 5 W.	Section 36	
T 16 S.	R. 4 W.	Section 31	through 36 inclusive
T 17 S.	R. 5 W.	Section 1,	12, 13, 24, 25, 36
T 17 S.	R. 4 W.	Section 1	through 36 inclusive
T 17 S.	R. 3 W.	Section 6,	7, 8, 9 - 16, 17, 18, 19, 20, 21, 28, 29, 30, 31, 32, 33.
T 18 S.	R. 5 W.	Section 1,	12, 13, 24
T 18 S.	R. 4 W.	Section 1	through 24 inclusive
T 18 S.	R. 3 W.	Section 3,	4, 5, 6, 7, 8, 9, 10, 11, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23.

(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 theoretical horsepower.

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

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

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

(e) Such works to be located in of Sec.
(Legal subdivision)

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

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

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

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

(h) The use to which power is to be applied is

(i) The nature of the mines to be served

10. (a) To supply the city of Eugene and surrounding water districts in Lane

County, having a present population of 80,000 (Name of) and an estimated population of 175,000 in 1985.

(b) If for domestic use state number of families to be supplied 50,000

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

- 11. Estimated cost of proposed works, \$ 4,500,000.00
12. Construction work will begin on or before Spring of 1968
13. Construction work will be completed on or before Spring of 1982
14. The water will be completely applied to the proposed use on or before Summer of 1985

Byron Price, Superintendent-Secretary

Remarks: Recent developments in the technique of water treatment will increase the design capacity of the present treatment plant by approximately 2.4 times, allowing an ultimate peak treatment capacity of 180 M.G.D. in place of the original 75 M.G.D. ultimate design capacity. The present water appropriation is based on this 75 M.G.D. capacity. Prognosis indicates this rate will be reached about 1972.

The purpose of this filing is to cover enough water to safely proceed with an orderly expansion of plant to the new ultimate capacity of 180 M.G.D.

A proposed schedule of expansion is as follows:

Table with 3 columns: YEAR, CAPACITY, REMARKS. Rows include expansion from 63 M.G.D. to 180 M.G.D. with dates 1968, 1972, 1977, and 1982.

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 103 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

The use to which this water is to be applied is municipal

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

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 14, 1961

Actual construction work shall begin on or before August 11, 1962 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1965.

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

WITNESS my hand this 11th day of August, 1961

Lewis A. Stanley
STATE ENGINEER

Application No. 35037
Permit No. 27441

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 14th day of June
1961, at 8:00 o'clock A. M.

Returned to applicant:

Approved:
August 11, 1961
Recorded in book No. 75 of
Permits on page 27441

LEWIS A. STANLEY
STATE ENGINEER

Drainage Basin No. 2 page 24B
Fees