

\* Permit No. 8449

APPLICATION FOR A PERMIT

To appropriate the Public Waters of the State of Oregon

I, City of Eugene (Name of applicant) of Eugene (Postoffice), County of Lane, 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, Johnson Creek, and Bear Creek Reservoir, to constructed under Application No. Permit No., tributary of The Willamette River

2. The amount of water which the applicant intends to apply to beneficial use is 3000 cubic feet per second.

3. The use to which the water is to be applied is Hydro-Electric Power (Irrigation, power, mining, manufacturing, domestic supplies, etc.)

4. The point of division is located 4015 feet N. 9° 32' E. from the 1/4 corner on the South line of Section 31, T. 16 S., R. 2 E., of the W.M.

being within the NE 1/4 of Sec. 31, Tp. 16 S., R. 2 E., W. M., in the county of Lane

5. The Main Canal to be 4.86 miles in length, terminating in the SE 1/4 of Sec. 9, Tp. 17 S., R. 1 E., W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the ditch, canal or other works is Leaburg Power Canal

DESCRIPTION OF WORKS

DIVERSION WORKS—

7. (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 heddgate Concrete 8 - 6 x 12 openings (Timber, concrete, etc., number and size of openings)

\* A different form of application is provided where storage works are contemplated. These forms can be secured without charge, together with instructions, by addressing the State Engineer, Salem, Oregon.

CANAL SYSTEM—

8. (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) 50 feet; width on bottom 30 feet; depth of water 10 feet; grade 0.25 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.

FILL IN THE FOLLOWING INFORMATION WHERE THE WATER IS USED FOR IRRIGATION—

9. The land to be irrigated has a total area of \_\_\_\_\_ acres, located in each smallest legal subdivision, as follows: \_\_\_\_\_ (Give area of land in each smallest legal subdivision which you intend to irrigate)

(If more space required, attach separate sheet)

POWER, MINING, MANUFACTURING, OR TRANSPORTATION PURPOSES—

10. (a) Total amount of power to be developed 22,000 theoretical horsepower.

(b) Total fall to be utilized 88 feet. (70 feet effective head)

(c) The nature of the works by means of which the power is to be developed By the usual waterwheels and electric generators in a power plant.

(d) Such works to be located in SE 1/4 of Sec. 9

Tp. 17 S., R. 1 E., W. M.

(e) Is water to be returned to any stream? yes.

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

in NE 1/4, Sec. 16, Tp. 17 S., R. 1 E., W. M.

(g) The use to which power is to be applied is To generate electric current for use of the City of Eugene, Oregon, and contiguous territory.

(h) The nature of the mines to be served \_\_\_\_\_

MUNICIPAL SUPPLY—

11. To supply the city of .....  
..... County, having a present population of .....  
(Name of)  
and an estimated population of ..... in 192.....

(Answer questions 12, 13, 14, and 15 in all cases)

- 12. Estimated cost of proposed works, \$ 1,423,750.00.....
- 13. Construction work will begin on or before .....
- 14. Construction work will be completed on or before .....
- 15. The water will be completely applied to the proposed use on or before .....

Duplicate maps of the proposed ditch or other works, prepared in accordance with the rules of the State Engineer, accompany this application.

CITY OF EUGENE, OREGON  
(Name of applicant)  
By Eugene Water Board  
By C. A. McClain, Secretary

Signed in the presence of us as witnesses:

- (1) J. N. McArthur, 1873 Garden St., Eugene, Oregon.  
(Name) (Address of witness)
- (2) R. E. Griswald, 468 West 10th St., Eugene, Oregon.  
(Name) (Address of witness)

Remarks: It is not expected that the total amount of power can be developed for much more than 70% of the time. During low water the available power will not much exceed 11136 h.p. (theoretical) unless storage is developed. Some storage is planned at Johnson Creek and the unappropriated water of Johnson Creek will be diverted to the power canal, and the channel of Johnson Creek from the canal to the river used as a waste or relief channel. Full development of this part of the project depends on water to be stored at Plant No. 3 by the Bear Creek Dam and Reservoir. This application covers part of an appropriation of water made this day for three units of proposed power development, one of which is included in this application, and two in another application of this same date, known as the Martin Rapids Canal. Application for storage of water in Bear Creek Reservoir is also a part of the same development. The units should be considered as one project, and work on any part of it, or any unit, should be considered as Beginning of Construction or evidence of diligence in the completion of the whole project.

STATE OF OREGON, }  
                                  } ss.  
County of Marion, }

This is to certify that I have examined the foregoing application, together with the accompanying maps and data, and return the same for correction or completion, as follows: .....

In order to retain its priority, this application must be returned to the State Engineer, with corrections, on or before ....., 192.....

WITNESS my hand this ..... day of ....., 192.....

STATE ENGINEER.

Application No. 10626

Permit No. 8449

PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF OREGON

District No.

This instrument was first received in the office of the State Engineer at Salem, Oregon,

on the 5th day of March

1926, at 12:00 o'clock - M.

Returned to applicant for correction:

Corrected application received:

Approved:

May 1, 1928

Recorded in Book No. 28 of Permits, on page 8449

RHEA LUPER

STATE ENGINEER.

lmap ACFP

\$1168.00

PERMIT NO. 8449

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 the following limitations and conditions: This appropriation shall be limited to the amount of water which can be applied to beneficial use and not to exceed 2,200 cubic-feet per second, provided that at all times the quantity of water flowing in the main channel of the McKenzie River below 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, provided further that the quantity shall not be diminished below 500 cubic-feet per second until 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 and in that event the quantity to be fixed by the State Engineer; provided further that the works shall be constructed in accordance with the plans and specifications now on file in the State Engineer's office or with such reasonable alterations as are hereafter permitted.

The priority date of this permit is March 5, 1926.

Actual construction work shall begin on or before May 1st, 1929, and shall thereafter be prosecuted with reasonable diligence and shall be completed on or before May 1st, 1933. Extended to Oct. 1, 1952 Extended to Oct. 1, 1950 Extended to Oct. 1, 1954

EXTENDED TO 01/1/43

Complete application of water to the proposed use shall be made on or before May 1st, 1933.

Extended to Oct. 1, 1952
Extended to Oct. 1, 1950
Extended to Oct. 1, 1954

Witness my hand this 1st day of May, 1928.

EXTENDED TO 10/1/43

Extended to Oct. 1, 1948

RHEA LUPER STATE ENGINEER.