

MAY 21 1957

\*APPLICATION FOR PERMIT

To Appropriate the Public Waters of the State of Oregon

I, O. P. Newman, President, Oregon Water Corporation
of 200 North 7th St., Klamath Falls, Oregon
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 28th day of April, 1950, Klamath Falls, County of Klamath, State of Oregon

1. The source of the proposed appropriation is North Umpqua River, a tributary of Umpqua River

2. The amount of water which the applicant intends to apply to beneficial use is 13,0 cubic feet per second.

\*\*3. The use to which the water is to be applied is for the municipal water supply of the City of Roseburg, Oregon and for domestic & other public purposes in the vicinity thereof.

4. The point of diversion is located 4064.0 ft. N and 978.7 ft. E from the corner Between sections 25 and 36, T 26 S, R 6 W 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 NE 1/4 of Sec. 25, Tp. 26 S, R. 6 W, W. M., in the county of Douglas

5. The Pipe line system conveying water totals approximately 80 miles in length, serving Roseburg and Vicinity, Tp. W. M., the proposed location being shown throughout on the accompanying map.

DESCRIPTION OF WORKS

Diversion Works—

6. (a) Height of dam None feet, length on top feet, length at bottom feet; material to be used and character of construction

(b) Description of headworks Low lift pumphouse-reinforced concrete substructure, 10' x 12' inside dimensions, side walls 23'-3" high - superstructure, frame house 12' x 14', 8'-3" to right joists, pumping directly from the river from below Winchester Dam.

(c) If water is to be pumped give general description 2 - 1500 gpm at 45' head Yeoman Turbine Pumps, 1-2500 gpm at 45' head B-J Turbine Pump and 1-1280 gpm at 45' head B-5 Centrifugal pump, operated by 2 - 25HP, 1-40HP and 1-20HP motors respectively.

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

headgate. At headgate: width on top (at water line) ..... feet; width on bottom ..... feet; depth of water None ..... 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. 24,245 ft.; size at intake, 20" in.; size at 21,210 ft. from intake 24" in.; size at ~~place of use~~ <sup>Reservoir</sup> 24" in.; difference in elevation between intake and ~~place of use~~ <sup>Reservoir</sup> 295 ft. Is grade uniform? No ..... Estimated capacity, ..... sec. ft.

8. Location of area to be irrigated, or place of use None .....

Township North or South	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
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Water appropriated by this permit will be used in the following locations.

In T 26 S, R 6 W, WM: E  $\frac{1}{2}$  Sec. 25, E  $\frac{1}{2}$  Sec. 30. In T 27 S, R 6 W WM: all of Sections 1, 11, 12, 13, 14, 15, 22, 24, the N  $\frac{1}{2}$  of section 23 and the N  $\frac{1}{2}$  of section 25.  
 In T 26 S, R 5 W, WM: The N  $\frac{1}{2}$  of section 30.  
 In T 27 S, R 5 W, WM: The W  $\frac{1}{2}$  of section 7, the S  $\frac{1}{2}$  and the N W  $\frac{1}{4}$  of section 13, section 17, section 19, the N  $\frac{1}{2}$  of section 20, and the N W  $\frac{1}{4}$  of section 30.


(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 None ..... 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 Roseburg, Oregon and vicinity  
estimated  
Douglas County, having a present/population of 16,000 being served by water system  
(Name of)  
and an estimated population of 27,000 in 19 75.

(b) If for domestic use state number of families to be supplied 4640 Residential Customers,  
652 Commercial Customers (including  
apartment Houses & Hotels)  
(Answer questions 11, 12, 13, and 14 in all cases)

11. Estimated cost of proposed works, \$ Present Plant - \$1,493,205.16

12. Construction work will begin on or before June 1, 1957

13. Construction work will be completed on or before June 1, 1975

14. The water will be completely applied to the proposed use on or before June 6, 1975

  
(Signature of applicant)

Remarks: This application is supplemental to permit No. 19329. Permit No. 19329 is for 12.0 cubic feet per second. The demands for water for Roseburg and vicinity has already exceeded 12.0 c.f.s., and this application is to increase the amount to a total of 25 c.f.s. Present restriction capacity of the transmission main limits the amount that can be conveyed to Roseburg. In 1954-55, 3100 Ft. of 24" was installed to increase the capacity of the transmission main. In 1957 a transmission booster station is contemplated to increase the capacity and further replacement will be made as the growth of the community and water consumption warrents the additions.

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.....

