

To Appropriate the Public Waters of the State of Oregon

I, City of Cottage Grove Oregon
(Name of applicant)
of Cottage Grove, County of Lane
(Postoffice)
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 Coast Fork
(Name of stream)
tributary of Willamette River

2. The amount of water which the applicant intends to apply to beneficial use is 4.5
four and one half cubic feet per second.

3. The use to which the water is to be applied is
(Irrigation, power, mining, manufacturing, domestic supplies, etc.)
Municipal Fire Protection

4. The point of division is located S. 41 degrees 3200 ft. to SE corner Sec. 5.,
(Give distance and bearing to section corner)
T. 21 S., R. 3 W.

being within the NW¹/₄ of the SE¹/₄ of Sec. 5, Tp. 21 S,
(Give smallest legal subdivision) (No. N. or S.)
R. 3 W, W. M., in the county of Lane
(No. E. or W.)

5. The Pipe Line to be 1.7
(Main ditch, canal or pipe line)
miles in length, terminating in the NW¹/₄ of the NW¹/₄ of Sec. 33, Tp. 20 S,
(Smallest legal subdivision) (No. N. or S.)
R. 3 W, W. M., the proposed location being shown throughout on the accompanying map.
(No. E. or W.)

6. The name of the ditch, canal or other works is
Water main extension for stand by Fire Protection for Cottage Grove, Oregon

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 _____
(Timber, concrete, etc., number and size of openings)
1 - Electric Driven, 2,000 g.p.m. pump, 100# pressure at the pump. Located on the bank of River at the point of diversion

* 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.

MUNICIPAL SUPPLY—

11. To supply the city of Cottage Grove Ore., with water for fire protection
Jane County, having a present population of 3,000
(Name of)
 and an estimated population of 5,000 in 1935

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

12. Estimated cost of proposed works, \$ 25,000
 13. Construction work will begin on or before May 1, 1928
 14. Construction work will be completed on or before Aug. 15, 1928
 15. The water will be completely applied to the proposed use on or before Aug. 30, 1928

Duplicate maps of the proposed ditch or other works, prepared in accordance with the rules of the
 CITY OF COTTAGE GROVE, a Municipal Corporation
 State Engineer, accompany this application.

By: Geo. O. Knowles, MAYOR
(Name of applicant)

By: C. H. Van Denburg

Signed in the presence of us as witnesses:

(1) Herbert W. Lombard, Cottage Grove, Oregon
(Name) (Address of witness)

(2) Donald C. Metcalf, Cottage Grove, Oregon
Water Main Extension from City Limits South

The water to be appropriated from the Coast Fork will be used for Fire protection only. The quantity asked for is four and one half cu. ft. per second. This quantity would be needed only when the pump is used to fight fire. The proposed main will be connected with the City Main at the south City Limits as shown on the drawings. An electric driven 2000 g. p. m. pump will be installed near the south end of the pipe line. This pump will be so constructed that a drop in pressure will start the pump which will help to maintain sufficient pressure and quantity of water for successful fire fighting any where along the line or in the City of Cottage Grove. A check valve will be placed at the City Limits which will keep the pumped water from entering the City mains should there be a fire outside the city. This check valve will be by passed so that if necessary the pumped water can be used. The water taken from the Coast Fork will be chlorinated.

The City of Cottage Grove has voted Bonds for this work and the State Board of Health has approved the plan if the water is chlorinated. The amount of water asked for seems large but it will be a continuous flow for a few hours only at the most. Undoubtedly there will be months at a time when the pump will not be operated.

A pump house will be built on the river bank at a point as designated. It is not necessary to build a dam of any kind as the water is sufficient depth at the pump location to furnish water.

The City main from the 1,000,000 gal. reservoir with a different source of supply will be connected with this Extension at all times. The reason for installing the pump is for a different source of supply and additional fire protection. The City main from Cottage Grove to Rujada on Lang Creek is not in very good shape, a wood pipe with 17 years of service and undoubtedly a good deal of replacement work will have to be done along the line in the near future.

The pipe to be used is 12 Ga plate steel pipe, well coated with a mineral rubber compound. This pipe has been selected from the Beall Pipe & Tank Co. The outside Dia of the pipe is 12". The method of connection will be Dresser couplings, the pipe will be in 30' lengths.

This pipe is guaranteed to give satisfaction operating under a pressure of 100 pounds per square inch. The flow line of the pipe, (or in this case the bottom of the pipe) will be three feet under ground.

The safe working head for 12" twelve gage steel pipe is 578 ft. which puts this pipe well on the safe side. The pressure to be 100# at the pump. The pressure on City mains is 80 to 85 pounds.

Application No. 12015

Permit No. 8430

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 6th day of April 1928, at 8:00 o'clock A. M.

Returned to applicant for correction:

Corrected application received:

Approved:

April 24th, 1928

Recorded in Book No. 28 of Permits, on page 8430

RHEA LUPER STATE ENGINEER.

1 map LAS \$14.00

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

This is to certify that I have examined the foregoing application and do hereby grant the same, subject to the following limitations and conditions: If for irrigation, this appropriation shall be limited to one-eightieth 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 right herein granted is limited to the appropriation of water from Coast Fork Willamette River for municipal purposes including fire protection.

The amount of water appropriated shall be limited to the amount which can be applied to beneficial use and not to exceed 4.5 cubic feet per second, or its equivalent in case of rotation. The priority date of this permit is April 6, 1928

Actual construction work shall begin on or before April 24, 1933 and shall thereafter be prosecuted with reasonable diligence and be completed on or before June 1, 1934

Complete application of the water to the proposed use shall be made on or before October 1, 1934

WITNESS my hand this 24th day of April, 1928

RHEA LUPER STATE ENGINEER.

Permits for power development are subject to the limitation of franchise as provided in Section 5728, Oregon Laws, and the payment of annual fees as provided in Section 5803, Oregon Laws.

This form approved by the State Water Board, March 11, 1909.