

APPLICATION FOR PERMIT

To appropriate the Public Waters of the State of Oregon

I, WALTER E. Hatfield
(Name of applicant)
of Box Rt. 2 - Roseburg
(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

1. The source of the proposed appropriation is South Umpqua River
(Name of stream)
a tributary of Umpqua River

2. The amount of water which the applicant intends to apply to beneficial use is .04
cubic feet per second.
(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 Irrigation
(Irrigation, power, mining, manufacturing, domestic supplies, etc.)

4. The point of diversion is located S 9°45'W 2684.7 ft.
(N. or S.) and ft. (E. or W.) from the NE
corner of Sec. 15
(Section or subdivision)

(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 SE 1/4 of Sec. 15, Tp. 27 S.
(Give smallest legal subdivision) (N. or S.)

R. 6 W., W. M., in the county of Douglas
(E. or W.)

5. The pipeline to be 400 ft
(Main ditch, canal or pipe line) (Miles or feet)
in length, terminating in the SE 1/4 NE 1/4 of Sec. 15, Tp. 27 S.
(Smallest legal subdivision) (N. or S.)

R. 6 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 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 headgate
(Timber, concrete, etc., number and size of openings)

(c) If water is to be pumped give general description
(Size and type of pump)
1 1/2 in. centrifugal pump direct connected to a 2hp
(Size and type of engine or motor to be used, total head water to be lifted, etc.)
electric motor.

*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. Either of the above forms may be secured, without cost, together with instructions by addressing the State Engineer, Salem, Oregon.

21469

Canal System or Pipe Line

(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) ... 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, 400 ft.; size at intake, 2 in.; size at ... ft. from intake ... in.; size at place of use 1 1/2 in.; difference in elevation between intake and place of use, 40 ft. Is grade uniform? Estimated capacity, ... sec. ft.

8. Location of area to be irrigated, or place of use

Table with 5 columns: Township, Range E or W of Williamsport Meridian, Section, Forty-acre Tract, Number Acres To Be Irrigated. Row 1: 27 S, 6 W, 15, SE 1/4 NW 1/4, 2.8. Row 2: NW 1/4 SE 1/4, 0.2.

(If more space required, attach separate sheet)

(a) Character of soil river bottom loam

(b) Kind of crops raised garden and flowers

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.

(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.

Tp. ... R. ... W. M.

(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.

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

(i) The nature of the mines to be served

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- 11. Estimated cost of proposed works, \$ 500.00
- 12. Construction work will begin on or before Dec 11 1955
- 13. Construction work will be completed on or before May 21, 1955
- 14. The water will be completely applied to the proposed use on or before May 1, 1956

N. E. Hatfield
(Signature of Applicant)

Remarks:

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