

ABSTRACT MADE

* Permit No. 4773

APPLICATION FOR A PERMIT

CERTIFICATE NO. 4784

To Appropriate the Public Waters of the State of Oregon

I, B W Knighten
(Name of Applicant)
of Tygh Valley, County of Wasco
(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 White River
(Name of stream)

tributary of Deschutes

2. The amount of water which the applicant intends to apply to beneficial use is

1.625 cubic feet per second. (One and Six Hundred-twenty-five thousandths)

3. The use to which the water is to be applied is

For Irrigation (Irrigation, power, mining, manufacturing,

domestic supplies, etc.)

of Main Ditch

4. The point of diversion is located in the Southwest corner of the Northwest Quarter

(Give distance and bearing to section corner)

of the Southeast Quarter, Sec. 10 T 4 S R 13 E.W.M.

The point of diversion of Knighten Ditch is 320' S of NW corner at SW $\frac{1}{4}$ of Sec. 12
T 4 S R 13 E.W.M.

(Knighten Ditch NW $\frac{1}{4}$ SW $\frac{1}{4}$ of Sec. 12

being within the (Main Ditch NW $\frac{1}{4}$ SE $\frac{1}{4}$ of Sec. 10, Tp. 4 South
(Give smallest legal subdivision) (No. N. or S.)

R. 15 E, W. M., in the county of Wasco
(No. E. or W.)

5. The Main Ditch to be about 1.5

(Main ditch, canal or pipe line)

miles in length, terminating in the East side of NE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Sec. 11, Tp. 4 S
(Smallest legal subdivision) (No. N. or S.)

R. 13 E, W. M., the proposed location being shown throughout on the accompanying map.
(No. E. or W.) Knighten Ditch 1.15 miles long, terminating at or near the SE cor. of NE $\frac{1}{4}$ of
SE $\frac{1}{4}$ Sec. 12 T 4 S R 13 E.W.M.

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

Branch Knighten Main Ditch used by both French Estate and B W Knighten,
Knighten Ditch " " B W Knighten only

DESCRIPTION OF WORKS

DIVERSION WORKS— No dam

7. (a) Height of dam none feet, length on top none feet, length at bottom

none feet; material to be used and character of construction Loose rock and gravel wing

dam. Wasteway along wing wall of headgate. (Loose rock, concrete,

masonry, rock and brush, timber crib, etc., wasteway over or around dam).

(b) Description of headgate of main ditch is, 12" concrete wing and head walls with

one opening, 54" wide by 48" high. Gate itself to be
(Timber, concrete, etc., number and size of openings)
of wrought iron haund wood.

* 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) **Main ditch eight feet** Knighten " four feet; width on bottom **Main ditch six feet** Knighten " two feet; depth of water **1.5** **One** feet; grade **1.0** **Two** feet fall per one thousand feet.

(b) At **1.18** miles from headgate. Width on top (at water line) **6.00 ft.** **3.00 "** Knighten " **1.5** feet; width on bottom **1.5** feet; depth of water **1.0** feet; Main Ditch **One** Knighten " grade **Two** 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 **129.84** acres, located in each smallest legal subdivision, as follows:

(Give area of land in each smallest legal subdivision which you intend to irrigate.)

T 4 S R 13 E.W.M.	Sec. 12	NW $\frac{1}{4}$ SW $\frac{1}{4}$	25.02 A.
		NE $\frac{1}{4}$ SW $\frac{1}{4}$	25.62 A
		NW $\frac{1}{4}$ SE $\frac{1}{4}$	39.20 A
		NE $\frac{1}{4}$ SE $\frac{1}{4}$	<u>40.00 A</u>
		Total	129.84 acres.

(If more space required, attach separate sheet)

POWER, MINING, MANUFACTURING, OR TRANSPORTATION PURPOSES—

10. (a) Total amount of power to be developed theoretical horsepower.
- (b) Total fall to be utilized feet.
(Head)
- (c) The nature of the works by means of which the power is to be developed
- (d) Such works to be located in of Sec.
(Legal subdivision)
- Tp., R., W. M.
(No. N. or S.) (No. E. or W.)
- (e) Is water to be returned to any stream?
(Yes or No)
- (f) If so, name stream and locate point of return
....., Sec., Tp., R., W. M.
(No. N. or S.) (No. E. or W.)
- (g) The use to which power is to be applied is
- (h) The nature of the mines to be served

MUNICIPAL SUPPLY—

11. To supply the city of _____
_____ County, having a present population of _____, and an
(Name of)
estimated population of _____ in 19_____.

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

- 12. Estimated cost of proposed works, \$ 200.00
- 13. Construction work will begin on or before March 1st, 1921
- 14. Construction work will be completed on or before July 1st, 1921
- 15. The water will be completely applied to the proposed use on or before July 1st, 1921

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

B W Knighten

(Name of applicant)

Signed in the presence of us as witnesses:

- (1) **Robert C Bradshaw** _____, **The Dalles, Oregon**
(Name) (Address of Witness)
- (2) **J L Childers** _____, **The Dalles, Oregon**
P.M. Hall Lewis _____, **305 Henry Street, Portland, Ore.**
(Name) (Address of Witness)

Remarks:

The soil upon my land is sandy, I propose to branch off from the French Estate ditch, over my land, and if granted appropriation of water applied for, and if said French estate ditch is not sufficient to carry both their and my appropriation, I intend to enlarge their ditch so that it will carry both appropriations; and I desire to make application to enlarge said ditch sufficient to insure me of appropriation allotted me.

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 correction or completion, as follows:

For answer to Questions No. 4, 7, 8, 9, 12, 13, 14 & 15.

Maps & Fees

In order to retain its priority, this application must be returned to the State Engineer, with corrections, on or before Sept. 4, 1920.

WITNESS my hand this 5th day of August, 1920.

Percy A Cupper

RJS

State Engineer.

Application No. 7452

Permit No. 4773

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 4th day of Aug., 1920, at 2:30 o'clock P.M.

Returned to applicant for correction Aug. 5, 1920

Corrected application received September 3, 1920

Approved: Sept. 25, 1920

Recorded in Book No. 17 of Permits, on Page 4773

Percy A Cupper State Engineer.

1 map RS \$19.50

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 White River for irrigation purposes.

The amount of water appropriated shall be limited to the amount which can be applied to beneficial use and not to exceed 1.625 cubic feet per second, or its equivalent in case of rotation. The priority date of this permit is August 4, 1920

Actual construction work shall begin on or before September 25, 1921 and shall thereafter be prosecuted with reasonable diligence and be completed on or before June 1, 1922

Complete application of the water to the proposed use shall be made on or before October 1, 1924

WITNESS my hand this 25th day of September, 1920 Percy A Cupper

State Engineer.

Permits for power development are subject to the limitation of franchise as provided in Section 6633, Lord's Oregon Laws, and the payment of annual fees as provided in Chapter 213, Session Laws of 1915.