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STATE ENGINEER
SALEM, OREGON

APPLICATION FOR PERMIT

To appropriate the Public Waters of the State of Oregon

I, BANTA & WILLOUGHBY (Allan H. Banta & Ted W. Willoughby) a partnership,
(Name of applicant)
of Keating
(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 Powder River
(Name of stream)
a tributary of Snake River

2. The amount of water which the applicant intends to apply to beneficial use is 10
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 660 ft. N and 30 ft. E from the SE
(N. or S.) (E. or W.)
corner of Sections 17 and 20
(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 SW 1/4 SE 1/4 of Sec. 17, Tp. 8 S.
(Give smallest legal subdivision) (N. or S.)
R. 42 E, W. M., in the county of Baker
(E. or W.)

5. The pipe line to be 22,500 feet
(Main ditch, canal or pipe line) (Miles or feet)
in length, terminating in the SE 1/4 of Sec. 32, Tp. 8 S.
(Smallest legal subdivision) (N. or S.)
R. 42 E, 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 Three 200 HP short coupled
(Size and type of pump)
turbine pumps, three 200 HP electric motors, total head (elevation,
(Size and type of engine or motor to be used, total head water is to be lifted, etc.)
friction and operating) 350 feet

*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.

Canal System or Pipe Line—

7. (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, 22,500 ft.; size at intake, 16" in.; size at 4320 ft. from intake 14" in.; size at place of use 4" and 3" in.; difference in elevation between intake and place of use, max. of 160ft. Is grade uniform? NO Estimated capacity, 10 cu. ft./ sec.

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

Township North or South	Range E. or W. of Section	Section	Forty-acre Tract	Number Acres To Be Irrigated
8 S	42 E	19	SW $\frac{1}{4}$ NE $\frac{1}{4}$	40.0
8 S	42 E	19	NW $\frac{1}{4}$ SE $\frac{1}{4}$	5.5
8 S	42 E	19	NE $\frac{1}{4}$ SE $\frac{1}{4}$	39.2
8 S	42 E	19	SE $\frac{1}{4}$ SE $\frac{1}{4}$	27.7
8 S	42 E	20	NW $\frac{1}{4}$ SW $\frac{1}{4}$	35.2
8 S	42 E	20	NE $\frac{1}{4}$ SW $\frac{1}{4}$	29.0
8 S	42 E	20	SW $\frac{1}{4}$ SW $\frac{1}{4}$	40.0
8 S	42 E	20	SE $\frac{1}{4}$ SW $\frac{1}{4}$	40.0
8 S	42 E	20	NW $\frac{1}{4}$ SE $\frac{1}{4}$	9.5
8 S	42 E	30	NE $\frac{1}{4}$ NE $\frac{1}{4}$	9.5
8 S	42 E	29	NW $\frac{1}{4}$ NW $\frac{1}{4}$	39.0
8 S	42 E	29	NE $\frac{1}{4}$ NW $\frac{1}{4}$	39.0
8 S	42 E	29	SW $\frac{1}{4}$ NW $\frac{1}{4}$	31.5
8 S	42 E	29	SE $\frac{1}{4}$ NW $\frac{1}{4}$	40.0
8 S	42 E	29	NW $\frac{1}{4}$ NE $\frac{1}{4}$	2.0
8 S	42 E	29	SW $\frac{1}{4}$ NE $\frac{1}{4}$	36.5
8 S	42 E	29	NW $\frac{1}{4}$ SW $\frac{1}{4}$	9.5
8 S	42 E	29	NE $\frac{1}{4}$ SW $\frac{1}{4}$	37.5
8 S	42 E	29	SE $\frac{1}{4}$ SW $\frac{1}{4}$	10.7
8 S	42 E	29	NW $\frac{1}{4}$ SE $\frac{1}{4}$	37.0

(If more space required, attach separate sheet)

(continued under remarks)

(a) Character of soil silt loam to silty clay loam surfact, 24 to 72" depth

(b) Kind of crops raised grass-legume hay and pasture

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.

(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 _____
County, having a present population of _____
and an estimated population of _____ in 19_____

(b) If for domestic use state number of families to be supplied _____
(Answer questions 11, 12, 13, and 14 in all cases)

- 11. Estimated cost of proposed works, \$ 90,000
- 12. Construction work will begin on or before July 15, 1965
- 13. Construction work will be completed on or before July 15, 1968
- 14. The water will be completely applied to the proposed use on or before July 15, 1968

BANTA & WILLOUGHBY

(Signature of applicant)
By Altaugh
Member of said firm

Remarks: _____
(continued from item 8)

8 S	42 E	29	NE $\frac{1}{2}$ SE $\frac{1}{2}$	5.0
8 S	42 E	29	SW $\frac{1}{2}$ SE $\frac{1}{2}$	35.5
8 S	42 E	29	SE $\frac{1}{2}$ SE $\frac{1}{2}$	7.5
8 S	42 E	32	NW $\frac{1}{2}$ NE $\frac{1}{2}$	27.5
8 S	42 E	32	NE $\frac{1}{2}$ NE $\frac{1}{2}$	14.7
8 S	42 E	32	SW $\frac{1}{2}$ NE $\frac{1}{2}$	9.0
8 S	42 E	32	SE $\frac{1}{2}$ NE $\frac{1}{2}$	16.2

5737

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_____

STATE ENGINEER

By _____ ASSISTANT

PERMIT

STATE OF OREGON, }
County of Marion, }

This is to certify that I have examined the foregoing application and do hereby grant the same, SUBJECT TO EXISTING RIGHTS and the following limitations and conditions:

The right herein granted is limited to the amount of water which can be applied to beneficial use and shall not exceed 10.0 cubic feet per second measured at the point of diversion from the stream, or its equivalent in case of rotation with other water users, from Powder River

The use to which this water is to be applied is irrigation and supplemental irrigation

If for irrigation, this appropriation shall be limited to 1/40th of one cubic foot per second or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed 3/2 acre feet per acre for each acre irrigated during the irrigation season of each year; provided further that the right allowed herein shall be limited to any deficiency in the available supply of any prior right existing for the same land and shall not exceed the limitation allowed herein,

and shall be subject to such reasonable rotation system as may be ordered by the proper state officer.

The priority date of this permit is July 20, 1964

Actual construction work shall begin on or before August 26, 1965 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1966.

Complete application of the water to the proposed use shall be made on or before October 1, 1967.

WITNESS my hand this 26th day of August, 1964
Chris L. Wicklar
STATE ENGINEER

Application No. 40093
Permit No. 29751

PERMIT
TO APPROPRIATE THE PUBLIC
WATERS OF THE STATE
OF OREGON

This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 20th day of July 1964, at 8:00 o'clock A.M.

Returned to applicant:

Approved: August 26, 1964

Recorded in book No. 29751 of

Permits on page

CHRIS L. WICKLAR
STATE ENGINEER

Drainage Basin No. 7 page 26A
Fees

BC 1 added to Oct. 1, 1968