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SEP 14 1966

Permit No. 32000

CERTIFICATE NO. 41033

STATE ENGINEER  
SALEM, OREGON

**\*APPLICATION FOR PERMIT**

"Superseded by 55319

Cert. No.

# To appropriate the Public Waters of the State of Oregon

I, Stanley Basford (Name of applicant)

of P.O. Box 13 Hermiston, Oregon (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 Hat Rock drain ditch (Name of stream)

, a tributary of Columbia River

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

cubic feet per second. 900 gpm

(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 720 ft. N and 1230 ft. W from the SE

(N. or S.)

(E. or W.)

corner of section 21 (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 SE 1/4 SE 1/4 of Sec. 21, Tp. 5N

(Give smallest legal subdivision)

(N. or S.)

R. 29E, W. M., in the county of Umatilla

(E. or W.)

5. The \* explanation under Remarks to be (Miles or feet)

in length, terminating in the (Smallest legal subdivision) of Sec. 21, Tp. 5N

(N. or S.)

R. 29E, 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 \* explanation under Remarks 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 \* explanation under Remarks (Timber, concrete, etc., number and size of openings)

(c) If water is to be pumped give general description 5 X 4 centrifugal (Size and type of pump)

50 h.p. electric (Size and type of engine or motor to be used, total head water is to be lifted, etc.)

\*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—

22000

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, ..... ft.; size at intake, ..... in.; size at ..... ft. from intake ..... in.; size at place of use ..... in.; difference in elevation between intake and place of use, ..... ft. Is grade uniform? ..... Estimated capacity, ..... sec. ft.

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

Township North or South	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
5N	29E	21	SE $\frac{1}{4}$ , SE $\frac{1}{4}$	35
5N	29E	21	NE $\frac{1}{4}$ , SE $\frac{1}{4}$	29
5N	29E	22	SW $\frac{1}{4}$ , SW $\frac{1}{4}$	38
5N	29E	22	SE $\frac{1}{4}$ , SW $\frac{1}{4}$	14
5N	29E	21	SW $\frac{1}{4}$ , SE $\frac{1}{4}$	4
				111

(If more space required, attach separate sheet)

(a) Character of soil ..... *Sandy loam* .....

(b) Kind of crops raised ..... *Hay & 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 .....

(Name 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, \$ 9000.00 .....

12. Construction work will begin on or before March 1967 .....

13. Construction work will be completed on or before Sept. 1967 .....

14. The water will be completely applied to the proposed use on or before Sept. 1968 .....

Stanley B. Boush  
(Signature of applicant)

Remarks: (5) Proposed to use both gravity and sprinkler irrigation  
as shown on accompanying map.

(a) Two ditches begin at the diversion point. Both end in  
NE 1/4, SE 1/4 section 21 T5N, R29E. Approximately 30  
acres proposed to be irrigated by gravity method from  
these ditches.

(b) The sprinkler system main pipeline begins at point of  
diversion and terminates in the SW 1/4 SW 1/4 of section 22  
T5N R29E, 3000 ft in length.

(6) (a) The diversion works will consist of an earthen dam approx-  
imately 4 feet high and about 10 feet long, tying into the  
banks on either side of the drain.

(b) The head gate structure will be a combination concrete control  
structure and pump box. The main bypass will be a flashboard

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 ..... Completion .....

In order to retain its priority, this application must be returned to the State Engineer, with correc-  
tions on or before November 16th, 1966.

WITNESS my hand this 16th day of September, 1966

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CHRIS L. WHEELER

STATE ENGINEER

By Stanley B. Boush  
ASSISTANT

(6b) cont.

opening 3 feet high and 5 feet wide to accommodate the normal flow of the stream. The stream gradient will make it necessary to incorporate a drop of approximately 4 feet from the bottom of the structure of the structure to the new channel grade below.

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SEP 11 1966

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OCT 12 1966

CIVIL ENGINEER  
OREGON

PERMIT

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

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 2.0 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 Hat Rock Drain Ditch (Columbia River)

The use to which this water is to be applied is 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 1 1/2 acre feet per acre for each acre irrigated during the irrigation season of each year,

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 September 14, 1966

Actual construction work shall begin on or before June 5, 1968 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1969.

Complete application of the water to the proposed use shall be made on or before October 1, 1970...

WITNESS my hand this 5th day of June, 1967.

*Chris L. Wheeler*  
STATE ENGINEER

PC

Application No. 42804  
Permit No. 32000

**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 14th day of September, 1966, at 1:00 o'clock P. M.

Returned to applicant:

Approved: June 5, 1967

Recorded in book No. 32000 of  
Permits on page

CHRIS L. WHEELER  
STATE ENGINEER

Drainage Basin No. 7 page 2B

Fees \$26.00