Permit—5C—11-50

Permit No. 19828

CERTIFICATE NO. 20867

*** APPLICATION FOR PERMIT**

To Appropriate the Public Waters of the State of Oregon

I, F. E. Diehnel
(Name of applicant)

of Mohawk
(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* Unnamed creekA and unnamed creek B
(Name of stream)
, *a tributary of* McGowan Creek

2. *The amount of water which the applicant intends to apply to beneficial use is* 1/20 *cubic feet per second.* from creek A and 1/100cfs from Creek B
(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 of 4 acres, from un-
(Irrigation, power, mining, manufacturing, domestic supplies, etc.)
named creek (A) and domestic and stock watering use from unnamed creek (B)

4. *The point of diversion is located* 528 *ft.* S (N. or S.) *and* 825 *ft.* E (E. or W.) *from the* ~~corner of~~ quarter section corner of east boundary line of Sec. 28, Twp.
(Section or subdivision)
16 S., Range 2 W, Lane County, for unnamed creek (A) and 198 ft. East and 577 ft. South, of above-described point for unnamed creek (B).

(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 NW 1/4 of SW 1/4 *of Sec.* 27, *Tp.* 16 S (N. or S.),
(Give smallest legal subdivision)
R. 2 W (E. or W.), *W. M., in the county of* Lane.

5. *The* ditch, 600'; pipe line 350' *to be* .....
(Main ditch, canal or pipe line) (Miles or feet)
in length, terminating in the NW 1/4 of the SW 1/4 *of Sec.* 27, *Tp.* 16 S (N. or S.),
(Smallest legal subdivision)
R. 2 W (E. or W.), *W. M., the proposed location being shown throughout on the accompanying map.*

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,
See paragraph 2, under "Remarks"
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 250 gal. reciprocating pump
(Size and type of pump)
powered by 1/4 HP electric motor
(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—

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) See "Remarks" 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, 350 ft.; size at intake, 3/4 in; size at 150 ft. to concrete storage tank from concrete tank for household plumbing from intake 3/4 in.; size at place of use 1/2 in.; difference in elevation between intake and place of use, 15 ft. Is grade uniform? Fairly Estimated capacity, 1/100 sec. ft.

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

Township	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
16S	2W	27	NW 1/4 of SW 1/4	4

(Description from abstract and sales contract)

Beginning at the quarter section corner on the east boundary line of Section 28 in Township 16 South of Range 2 West of the Willamette Meridian, in Lane County, Oregon, and running thence East 12½ chains, thence South 20 chains, thence west 12½ chains, thence North 20 chains to the place of beginning, less the following portion thereof, heretofore sold to John Howard, viz:

Beginning 1300 feet south of the said quarter section corner mentioned above, thence running south 20 feet thence east 50 rods, thence North 20 rods to the center of flume right of way, thence westerly along the center of said flume right of way to the place of beginning.

(If more space required, attach separate sheet)

(a) Character of soil Heavy loam

(b) Kind of crops raised Garden, fruit 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 ..... (Head) feet.

(d) The nature of the works by means of which the power is to be developed .....

.....

(e) Such works to be located in ..... (Legal Subdivision) of Sec. ....., Tp. ..... (No. N. or S.), R. ..... (No. E. or W.), 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. ..... (No. N. or S.), R. ..... (No. E. or W.), 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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Municipal or Domestic Supply—

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 ..... one .....

(Answer questions 11, 12, 13, and 14 in all cases)

11. Estimated cost of proposed works, $.....

12. Construction work will begin on or before ..... Nov. 1, 1950, if permit is received .....

13. Construction work will be completed on or before ..... July 1, 1951 .....

14. The water will be completely applied to the proposed use on or before ..... July 15, 1951 .....

F. E. Diehnel
(Signature of applicant)

Remarks: We propose to use the water requested for household use, for watering small amount of stock for domestic use, and for irrigation of family garden and orchard, and for maintenance of permanent pasture.

On creek marked A on attached map, we propose to throw up a small barrier, about one foot high by six feet long, to divert a portion of the water into an irrigation ditch. On creek marked B, we propose to install a 500-gallon concrete tank to maintain a sufficient head of water for ordinary electric household pump, as this creek flows largely at night, and flow is irregular in very dry weather in late afternoon.

The irrigation main ditch will be about 12 inches wide and 12 inches deep, for the entire length of 600 feet, with a fall of 12 feet in a 1000 feet.

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

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before December 1, 50 / October 23, 1950

WITNESS my hand this 1 / 21 *day of* November / September, *19* 50 / 50.

CHAS. E. STRICKLIN
STATE ENGINEER

By Ed K. Humphrey, Assistant

bl

Application No. 25236

Permit No. 19828

PERMIT

TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF OREGON

Division No. ..... *District No.* .....

This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 7th *day of* September, *19* 50, *at* 8:00 *o'clock* A. *M.*

Returned to applicant:

Corrected application received:

Approved:

January 31, 1951

Recorded in book No. 48 *of Permits on page* 19828

CHAS. E. STRICKLIN
STATE ENGINEER

Drainage Basin No. 2 *Page* 28D

Fees Paid 25.00

PERMIT

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 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 0.06 *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* two unnamed creeks

The use to which this water is to be applied is irrigation, domestic and stock, being 0.05 cfs from northeasterly stream for irrigation and 0.01 cfs from southwesterly stream for domestic and stock.

If for irrigation, this appropriation shall be limited to 1/80th *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 2½ 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 7, 1950

Actual construction work shall begin on or before January 31, 1952 *and shall thereafter be prosecuted with reasonable diligence and be completed on or before* October 1, 1952

Complete application of the water to the proposed use shall be made on or before October 1, 1953

WITNESS my hand this 31st *day of* January, *19* 51

CHAS. E. STRICKLIN
STATE ENGINEER

Permits for power development are subject to the payment of annual fees as provided in sections 1 and 2, chapter 74, Oregon Laws 1933.

State Printing Dept. 44167