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STATE ENGINEER
SALEM, OREGON

41699

Permit No. G-4965

APPLICATION FOR A PERMIT

To appropriate the Ground Waters of the State of Oregon

I, Bob D. and Kathryn Downing
(Name of applicant)
of Route 2, Box 388, Eugene, county of Lane,
(Postoffice Address)
state of Oregon, do hereby make application for a permit to appropriate the following described ground waters of the state of Oregon, SUBJECT TO EXISTING RIGHTS:

If the applicant is a corporation, give date and place of incorporation

1. Give name of nearest stream to which the well, tunnel or other source of water development is situated McKenzie River
(Name of stream)

tributary of Willamette River

2. The amount of water which the applicant intends to apply to beneficial use is _____ cubic feet per second or 460 gallons per minute. (210 GPM from Well No. 1)
(250 GPM from Well No. 2)

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

4. The well or other source is located _____ ft. _____ and _____ ft. _____ from the _____ corner of Well No. 1 - 1,940' South and 90' West.
(Section or subdivision)

Well No. 2 - 780' South and 190' West, both from the NE Section.
(If preferable, give distance and bearing to section corner)

corner, Section 31, T. 16 S., R. 3 W.

(If there is more than one well, each must be described. Use separate sheet if necessary)

being within the Well No. 1 - NE 1/4/NE 1/4 of Sec. 31, Twp. 16 S., R. 3 W.,
Well No. 2 - SE 1/4/NE 1/4
W. M., in the county of Lane

5. The Pipe line to be 4,200 _____
(Canal or pipe line) _____ feet
in length, terminating in the NW 1/4/NW 1/4, SW 1/4/NW 1/4 of Sec. 32, Twp. 16 S.,
(Smallest legal subdivision)

R. 3 W., W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the well or other works is Wells No. 1 & 2

DESCRIPTION OF WORKS

7. If the flow to be utilized is artesian, the works to be used for the control and conservation of the supply when not in use must be described.

8. The development will consist of 2 Wells having a
(Give number of wells, tunnels, etc.)
diameter of 10 inches and an estimated depth of #1 - 185 feet. It is estimated that #1 - 167
#2 - 205 feet of the well will require 0.25 inch casing. Depth to water table is estimated 3
(Kind) (Feet)

6-1002

CANAL SYSTEM OR PIPE LINE—

G 4965

9. (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, 4,200 ft.; size at intake #2 = 5 in.; in size at ft. from intake #1 = 5 in.; size at place of use 3 in.; difference in elevation between intake and place of use, 5 ft. Is grade uniform? yes Estimated capacity, 1.02 sec. ft.

10. If pumps are to be used, give size and type Well No. 1 - 15 HP Submersible pump.

Well No. 2 - 3" X 2 1/8" Cent. pump.

Give horsepower and type of motor or engine to be used #2 - 15 HP Electric Motor.

11. If the location of the well, tunnel, or other development work is less than one-fourth mile from a natural stream or stream channel, give the distance to the nearest point on each of such channels and the difference in elevation between the stream bed and the ground surface at the source of development

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

Township N. or S.	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
16 S.	3 W.	31	NE 1/4 / NE 1/4	21.7
			SE 1/4 / NE 1/4	15.1
16 S.	3 W.	32	NW 1/4 / NW 1/4	6.7
			SW 1/4 / NW 1/4	2.1
				48.6 Total

(If more space required, attach separate sheet)

Character of soil Sandy loam

1002

Kind of crops raised Peppermint - Sweet corn.

MUNICIPAL SUPPLY—

G 4965

13. To supply the city of
in county, having a present population of
and an estimated population of in 19.....

ANSWER QUESTIONS 14, 15, 16, 17 AND 18 IN ALL CASES

- 14. Estimated cost of proposed works, \$.....5,500.00.....
- 15. Construction work will begin on or beforeAlready started.....
- 16. Construction work will be completed on or beforeAug. 1, 1972.....
- 17. The water will be completely applied to the proposed use on or beforeAug. 1, 1972.....

18. If the ground water supply is supplemental to an existing water supply, identify any application for permit, permit, certificate or adjudicated right to appropriate water, made or held by the applicant.

Bob Downing
(Signature of applicant)

Remarks:
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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

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

PERMIT

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 0.61 cubic feet per second measured at the point of diversion from the well or source of appropriation, or its equivalent in case of rotation with other water users, from two wells being 0.30 cfs from well #1 and 0.31 cfs from well #2

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

If for irrigation, this appropriation shall be limited to 1/80 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 2 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 well shall be cased as necessary in accordance with good practice and if the flow is artesian the works shall include proper capping and control valve to prevent the waste of ground water.

The works constructed shall include an air line and pressure gauge or an access port for measuring line, adequate to determine water level elevation in the well at all times.

The permittee shall install and maintain a weir, meter, or other suitable measuring device, and shall keep a complete record of the amount of ground water withdrawn.

The priority date of this permit is April 24, 1972

Actual construction work shall begin on or before May 4, 1973 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1973

Complete application of the water to the proposed use shall be made on or before October 1, 1974

WITNESS my hand this 4th day of May 19 72.

Chris L. Wheeler

STATE ENGINEER

Application No. G-5781
Permit No. G-4965

PERMIT
TO APPROPRIATE THE GROUND
WATERS OF THE STATE
OF OREGON

This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 24th day of April 1972, at 8:00 o'clock A. M.

Returned to applicant:

Approved: May 4, 1972

Recorded in book No. of G 4965
Ground Water Permits on page G

CHRIS L. WHEELER
STATE ENGINEER
Drainage Basin No. 2 page 126

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