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STATE ENGINEER
DEPARTMENT

Permit No. G- G 3614

APPLICATION FOR A PERMIT

CERTIFICATE NO. 38296

To Appropriate the Ground Waters of the State of Oregon

I, Harbert & 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
no

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

2. The amount of water which the applicant intends to apply to beneficial use is #4 .75
#5 .3 cubic feet per second or gallons per minute.

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

4. The well or other source is located ft. and ft. from the
(N. or S.) (E. or W.)
corner of Well #4 7603' S. and 1834.9' E from the common corner sections of 10, 11, 14, 15. Well #5 1675' S. and 660' E of NW corner W. W. Dows claim no. 45
(Section or subdivision) (If preferable, give distance and bearing to section corner)

(If there is more than one well, each must be described. Use separate sheet if necessary)
being within the #4 5 NE 1/4 NW 1/4 of Sec. 14, Twp. 14S, R. 5W,
#5 NW 1/4 NE 1/4 15
W. M., in the county of Benton

5. The pipe line is portable to be miles
(Canal or pipe line)
in length, terminating in the of Sec. , Twp. ,
(Smallest legal subdivision)
R. , W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the well or other works is Wells # 4 & 5

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
#4 12" (Give number of wells, tunnels, etc.) 32
diameter of #5 4" inches and an estimated depth of 30 feet. It is estimated that 30
feet of the well will require steel casing. Depth to water table is estimated 16
(Kind) (Feet)
note: these wells may need to be pitted to allow use of centrifugal pump

CANAL SYSTEM OR PIPE LINE—

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 ^{6"} main lines ^{3"} laterals ft.; size at intake in.; 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? yes Estimated capacity, sec. ft.

10. If pumps are to be used, give size and type #4 - 20 hp 3 phase electric with matching centrifugal pump. #5 - 15 hp 3 phase electric with matching centrifugal pump

Give horsepower and type of motor or engine to be used

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

no

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
14S	5W	14	NW ¹ / ₄ NW ¹ / ₄	40.0
"	"	"	SW ¹ / ₄ NW ¹ / ₄	11.1
"	"	"	NE ¹ / ₄ NW ¹ / ₄	15.5
"	"	"	SE ¹ / ₄ NW ¹ / ₄	1.0
"	"	10	SE ¹ / ₄ SE ¹ / ₄	12.2
"	"	15	NE ¹ / ₄ NE ¹ / ₄	31.8
"	"	"	SE ¹ / ₄ NE ¹ / ₄	8.4
Total for well #4				120.0
14S	5W	15	NE ¹ / ₄ NE ¹ / ₄	8.2
"	"	"	SE ¹ / ₄ NE ¹ / ₄	2.1
"	"	"	NW ¹ / ₄ NE ¹ / ₄	28.4
"	"	"	SW ¹ / ₄ NE ¹ / ₄	7.3
"	"	10	SE ¹ / ₄ SE ¹ / ₄	2.8
"	"	"	SW ¹ / ₄ SE ¹ / ₄	11.2
Total for well #5				60.0

(If more space required, attach separate sheet)

Character of soil silt loam

Kind of crops raised horticulture

MUNICIPAL SUPPLY—

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, \$1500.....
- 15. Construction work will begin on or beforecomplete.....
- 16. Construction work will be completed on or beforecomplete.....
- 17. The water will be completely applied to the proposed use on or beforesummer..1967.....

18. If the ground water supply is supplemental to an existing water supply, identify any appli-
cation for permit, permit, certificate or adjudicated right to appropriate water, made or held by the
applicant. Applications no. (G-2994) (G-3439 & G-3440) Permits no. 2791, 3223.....

Bob Downing
(Signature of applicant)

Remarks: Wells no. 1, 2 & 3 under above applications do not provide
sufficient water for 180 acres. These two new wells are supplemental to
the above noted applications. The five wells ^{may be used as an} ~~are~~ interconnected to a
common mainline.

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 forCompletion.....

In order to retain its priority, this application must be returned to the State Engineer, with correc-
tions on or beforeMay 24th....., 19.67..

WITNESS my hand this24th day ofMarch....., 19. 67.

CHRIS L. WHEELER
STATE ENGINEER
By *[Signature]*
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 1.05 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 wells No. 4 and 5 being 0.75 cfs from well No. 4 and 0.30 cfs from well No. 5

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

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 2 1/2 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 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 March 8, 1967

Actual construction work shall begin on or before November 21, 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 21st day of November, 1967

STATE ENGINEER

Application No. G- 3834

Permit No. G- G 3614

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 21th day of March,
1967, at 6:00 o'clock A M.

Returned to applicant:

Approved:

November 21, 1967

Recorded in book No. _____ of

Ground Water Permits on page G 3614

CHRIS L. WHEELER

STATE ENGINEER

Drainage Basin No. 2 page 970

2950