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STATE ENGINEER
SALEM, OREGON

Permit No. G-2637

APPLICATION FOR A PERMIT

To appropriate the Ground Waters of the State of Oregon

I, Gerald W. and Marie Detering
(Name of applicant)

of Rt. 1, Box 182, Harrisburg, county of Linn,
(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 unnamed slough
(Name of stream)

tributary of Willamette River

2. The amount of water which the applicant intends to apply to beneficial use is 500 cubic feet per second or 500 gallons per minute.

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

4. The well or other source is located N. 65° E. 1450 feet ft. and ft. from the SW corner of Section 35, T. 15 S., R. 4 W.
(N. or S.) (E. or W.) (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 SW¼ of SW¼ of Sec. 35, Twp. 15 S, R. 4 W W. M. in the county of Linn

5. The main line pipe to be 1500 feet miles in length, terminating in the SW¼ of SW¼ and SE¼ of SW¼ of Sec. 35, Twp. 15 S R. 4 W W. M., the proposed location being shown throughout on the accompanying map.
(Canal or pipe line) (Smallest legal subdivision)

6. The name of the well or other works is Detering No. 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 one pump well having a diameter of 10 inches and an estimated depth of 25.6 feet. It is estimated that 25.6 feet of the well will require steel casing. Depth to water table is estimated 12
(Give number of wells, tunnels, etc.) (Kind) (Feet)

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, 1500 ft.; size at intake, 5 in.; in size at 1500 ft. from intake 5 in.; size at place of use 3 in.; difference in elevation between intake and place of use, +10 ft. Is grade uniform? **Yes** Estimated capacity, 1.5 sec. ft.

10. If pumps are to be used, give size and type

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

Well No. 5 is approximately 10 feet from the edge of an unnamed slough. The stream bed is approximately 10 feet lower than the ground surface at the well.

12. Location of area to be irrigated, or place of use S. 35, T. 15 S., R. 4 W.

| Township N. or S. | Range E. or W. of Willamette Meridian | Section | Forty-acre Tract | Number Acres To Be Irrigated |
|-------------------|---------------------------------------|---------|--|------------------------------|
| 15 S | 4 W | 35 | SW ¹ / ₄ of SW ¹ / ₄ | 37.5 |
| 15 S | 4 W | 35 | SE ¹ / ₄ of SW ¹ / ₄ | 25.2 |
| | | | Total | 62.7 |
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(If more space required, attach separate sheet)

Character of soil Chehalis & Newberg
 Kind of crops raised Orchard

MUNICIPAL SUPPLY—

12. 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, \$5500.00.....
- 15. Construction work will begin on or before May 16, 1962.....
- 16. Construction work will be completed on or before May 18, 1962.....
- 17. The water will be completely applied to the proposed use on or before October 1, 1966.....

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. The areas covered by Well No. 5 were previously filed for under Application No. 27983, Permit No. 22026.

Remarks: _____

Gerald A. Detting
March 4 1962

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,

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 0.78 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 well No. 5

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

If for irrigation, this appropriation shall be limited to 1/80th 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 April 20, 1964

Actual construction work shall begin on or before June 15, 1965 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1965

Complete application of the water to the proposed use shall be made on or before October 1, 1966

WITNESS my hand this 15th day of June, 1964

Chris L. Wheeler

STATE ENGINEER

Application No. G- 2010
Permit No. G- 2637

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 20th day of April 1964, at 8:16 o'clock A. M.

Returned to applicant:

Approved:

June 15, 1964

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Recorded in book No. 2637

Ground Water Permits on page

CHRIS L. WHEELER

STATE ENGINEER

Drainage Basin No. 2 page 96.1

State Printing