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STATE ENGINEER  
SALEM, OREGON

Permit No. G-2636

APPLICATION FOR A PERMIT

To appropriate the Ground Waters of the State of Oregon

I, Gerald W. and Marie Detering  
of Rt. 1, Box 182, Harrisburg, county of Linn  
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

tributary of Willamette River

2. The amount of water which the applicant intends to apply to beneficial use is 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 S. 89° W. 1350 feet ft. and ft. from the NE corner of S 2, T. 16 S., R. 4 W.

(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 NW 1/4 of NE 1/4 of Sec. 2, Twp. 16 S., R. 4 W. W. M., in the county of Linn

5. The main pipe line to be 1500 feet in length, terminating in the NW 1/4 of NE 1/4 of Sec. 1, Twp. 16 S., R. 4 W., W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the well or other works is Detering No. 4

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 18.5 feet. It is estimated that 18.5 feet of the well will require steel casing. Depth to water table is estimated 6

**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 4" centrifugal pump

Give horsepower and type of motor or engine to be used 20 H. P. electric

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. 4 is located approximately 400 feet from 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 (See below)

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 <sup>1</sup> / <sub>4</sub> of SE <sup>1</sup> / <sub>4</sub>	4.4
15 S	4 W	35	SE <sup>1</sup> / <sub>4</sub> of SE <sup>1</sup> / <sub>4</sub>	16.7
15 S	4 W	35	SW <sup>1</sup> / <sub>4</sub> of SW <sup>1</sup> / <sub>4</sub>	1.8
15 S	4 W	1	NW <sup>1</sup> / <sub>4</sub> of NW <sup>1</sup> / <sub>4</sub>	8.9
15 S	4 W	2	NE <sup>1</sup> / <sub>4</sub> of NE <sup>1</sup> / <sub>4</sub>	25.8
15 S	4 W	2	NW <sup>1</sup> / <sub>4</sub> of NE <sup>1</sup> / <sub>4</sub>	19.5
			TOTAL	77.1

(If more space required, attach separate sheet)

Character of soil Chehalis and 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, \$6000.00.....

15. Construction work will begin on or before May 19, 1962.....

16. Construction work will be completed on or before May 21, 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 rights to appropriate water, made or held by the applicant. The areas covered by Well No. 4 were previously filed for under application

No. 27983, Permit No. 22026.

*Gerald W. Detrying*  
*Marion Hydrologist (Reg. 2052)*

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

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 0.96 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. 4

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. Miller

STATE ENGINEER

Application No. G-2031  
Permit No. G-2636

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 5:00 o'clock A. M.

Returned to applicant:

Approved:

June 15, 1964

Recorded in book No. 10 of 2636 Ground Water Permits on page

CHRIS L. MILLER STATE ENGINEER

Drainage Basin No. 2 page 96