Permit No. G- G 3649

APPLICATION FOR A PERMIT CERTIFICATE NO. 5851

To Appropriate the Ground Waters of the State of Oregon

I, North Willamette Experiment Station, Oregon State University
(Name of applicant)

of Route 2, Box 254, Aurora, Oregon 97002 *(Postoffice Address), county of* Clackamas,

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 Willamette River
(Name of stream)

..... *tributary of* Columbia River

2. The amount of water which the applicant intends to apply to beneficial use is ..... *cubic feet per second or* 200 *gallons per minute.*

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

.....

4. The well or other source is located 759 *ft.* South *(N. or S.) and* 550 *ft.* East *(E. or W.) from the* quarter *corner* ~~of~~ at center of Section 25
(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)

Northwest quarter of the *being within the* Southeast quarter *of Sec.* 25, *Twp.* 3S, *R.* 1W, *W. M., in the county of* Clackamas.

5. The pipeline *(Canal or pipe line) to be* 3/4 *miles in length, terminating in the* South one-half *(Smallest legal subdivision) of Sec.* 25, *Twp.* 3S, *R.* 1W, *W. M., the proposed location being shown throughout on the accompanying map.*

6. The name of the well or other works is .....

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.

N/A

.....

.....

8. The development will consist of one well *(Give number of wells, tunnels, etc.) having a diameter of* 12 *inches and an estimated depth of* 226 *feet. It is estimated that* 129 *feet of the well will require* steel *(Kind) casing. Depth to water table is estimated* 43 *(East).*
Casing is terminated by Johnson telescoping red brass screen, diameter 12 inches, slot size 10 from 105 feet to 108 feet and slot size 13 from 108 feet to 116 feet. Well is sealed with bensonite and clay to depth of 30 feet.

CANAL SYSTEM OR PIPE LINE—

G 3649

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) N/A feet; width on bottom ..... feet; depth of water ..... feet; grade ..... feet fall per one thousand feet.

(b) At N/A 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, ... 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? ..... Estimated capacity, ... sec. ft. To be distributed in mainline consisting of 2200 feet of 6-inch asbestos cement pipe and 1600 feet of 4-inch asbestos cement pipe.

10. If pumps are to be used, give size and type Berkeley turbine pump, size 200 gal/minute

.....

Give horsepower and type of motor or engine to be used 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

N/A

.....

.....

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
3S	1W	25	NE corner of SW qtr	40 acres
"	"	"	NW corner of SE qtr	33 acres
"	"	"	NE corner of SE qtr	33 acres
				106

(If more space required, attach separate sheet)

Character of soil ..... Willamette silt loam .....

Kind of crops raised All kinds in research plots .....

G 3649

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, $ 15,047.00

15. Construction work will begin on or before 11-1-65

16. Construction work will be completed on or before 3-1-67

17. The water will be completely applied to the proposed use on or before 11-15-67

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. Since the described property and well are an addition to the original experiment station the new well will be used on the described property in conjunction with well on original station, Operating Permit No. G 966, State File No. G 1218.

R. M. Bullock, Superintenden
(Signature of applicant) and Prof. of Horticultu

Remarks: .....

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 0.45 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 a well

The use to which this water is to be applied is 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 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 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 12, 1967

Actual construction work shall begin on or before December 22, 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 22nd day of December, 19 67

Chris L. Wheeler
STATE ENGINEER

pc

Application No. G-3883
Permit No. G 3649

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 12th day of April, 1967, at 8:00 o'clock A. M.

Returned to applicant:

Approved:
December 22, 1967

Recorded in book No. ..... of Ground Water Permits on page G 3649

CHRIS L. WHEELER
STATE ENGINEER

Drainage Basin No. 2 page 97H

State Printing

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