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STATE OF OREGON
DIVISION

Permit No. G-G 3288

APPLICATION FOR A PERMIT

CERTIFICATE NO. 40220

To appropriate the Ground Waters of the State of Oregon

I, University of Oregon Dental School
(Name of applicant)
of 611 S. W. Campus Drive Portland, county of Multnomah
(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 Willamette River
(Name of stream)

tributary of Columbia River

2. The amount of water which the applicant intends to apply to beneficial use is 1.25 cubic feet per second or 560 gallons per minute.

3. The use to which the water is to be applied is for cooling spaces in buildings, 510 gallon per minute; irrigation 50 gallon per minute.

4. The well or other source is located 2350 ft. South and 1910 ft. East from the NW corner of the NE 1/4 of Section 9 T.1.S R.1.E located in the SE 1/4 of the NE 1/4 of Section 9 T.16 R.1.E.
(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 Northeast 1/4 Section of Sec. 9, Twp. 1S, R. 1E, W. M., in the county of Multnomah

5. The (not applicable) to be _____ miles in length, terminating in the _____ of Sec. _____, Twp. _____, R. _____, 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 _____

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.

(Artesian not expected.)

8. The development will consist of one well having a diameter of 12 inches and an estimated depth of 800 feet. It is estimated that 200 feet of the well will require steel casing. Depth to water table is estimated _____
(Kind) (Feet)
(no information available)

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, 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.

10. If pumps are to be used, give size and type 10-inch, deep well, turbine type.

Give horsepower and type of motor or engine to be used Electric drive. Horsepower cannot be established until well is developed.

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

More than 1/4 mile.

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

Township N. or S.	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
T-1-S	R-1-E	9	S.W. 1/4 of N.E. 1/4	2.5
T-1-S	R-1-E	9	S.E. 1/4 of N.E. 1/4	9.3
Cooling: University of Oregon Dental School and University of Oregon Medical School Teaching Hospital				11.8

(If more space required, attach separate sheet)

Character of soil Clay and sandy loam.

Kind of crops raised Landscape material.

MUNICIPAL SUPPLY—

13. To supply the city of (Not applicable.)

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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, \$ 18,000
15. Construction work will begin on or before July 1, 1966
16. Construction work will be completed on or before October 15, 1966
17. The water will be completely applied to the proposed use on or before June 1967
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. (Not supplemental.)

Handwritten signature of applicant with the text '(Signature of applicant)' below it.

Remarks: It is necessary to add cooling of spaces in the University of Oregon Dental and Medical schools in Sam Jackson Park, Portland. Refrigerant compressors will be used to chill water used for the cooling. It is planned to reject the heat absorbed into well water, with possible secondary use at times for lawn sprinkling, otherwise wasted to a storm sewer.

No information on location of aquifers in the area is available. This accounts for estimates and generalities in 8, 10, and 14.

For this reason, the development of the well will start with an exploratory or test well, which, if water is found available, will be enlarged to a supply well.

J. Donald Kroeker and Associates, Consulting Engineers, will oversee the proposed development of the well.

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 completion

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before July 18, 1966.

WITNESS my hand this 16th day of May, 1966.

RECEIVED stamp dated MAY 23 1966. Signature of Chris L. Wheeler, State Engineer. Signature of Tracy W. DeBenedictis, 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 1.25 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 and cooling building being
0.11 cfs for irrigation and 1.14 cfs for cooling building

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 that the
use of water for air conditioning in excess of 5,000 gallons per day shall be subsequent
in priority to future beneficial consumptive use unless a two well system is constructed
and all water wasted from the system is recharged to the same ground water reservoir from
which it was withdrawn.

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 May 12, 1966

Actual construction work shall begin on or before May 17, 1968 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1968

Complete application of the water to the proposed use shall be made on or before October 1, 1969

WITNESS my hand this 17th day of May, 1967.

Chris L. Wheeler

STATE ENGINEER

PC

Application No. G- 3488
Permit No. G- 3288

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 17th day of May,
1966, at 1:00 o'clock P. M.

Returned to applicant:

Approved:

May 17, 1967

Recorded in book No. of
Ground Water Permits on page G 3288

CHRIS L. WHEELER
STATE ENGINEER

Drainage Basin No. 2 page 97D2

Handwritten initials