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WATER RESOURCES DEPT.  
SALEM, OREGON

CERTIFICATE NO. 52652

Permit No. G- G 6802

APPLICATION FOR A PERMIT

To Appropriate the Ground Waters of the State of Oregon

I, The Eugene Renewal Agency  
(Name of applicant)  
of 858 Pearl St., Eugene, Oregon 97401, 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

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

2. The amount of water which the applicant intends to apply to beneficial use is cubic feet per second or 105 gallons per minute.

3. The use to which the water is to be applied is supply water for heat pump system.  
(see remarks for heat pump size)

4. The well or other source is located --- ft. --- and --- ft. --- from the ---  
(N. or S.) (E. or W.)  
corner of a point 1685.08' at a bearing of N82° 05' 39" W from the bronze  
(Section or subdivision)  
plaque marking the southeast corner of the Eugene F. Skinner Donation  
(If preferable, give distance and bearing to section corner)  
land claim number 64, in T 17 S, R 3 W of the W.M.  
(If there is more than one well, each must be described. Use separate sheet if necessary)  
being within the NW 1/4 of the NE 1/4 of Sec. 31, Twp. 17 S, R. 3W,  
W. M., in the county of Lane

5. The N/A  
(Canal or pipe line) to be --- miles  
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 Parking Structure Well

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 two wells (see remarks). The supply well having a  
(Give number of wells, tunnels, etc.)  
diameter of 8 inches and an estimated depth of 360 feet. It is estimated that 73  
feet of the well will require 8" steel casing. Depth to water table is estimated 16' 4"  
(Kind) (Feet)  
static level; 80 foot pumping dynamic level.

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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) ..... 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, ..... N/A ..... 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 ..... 6" submersible turbine

Give horsepower and type of motor or engine to be used ..... 7½ HP, 3450 RPM, submersible

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
17 S	3 W	31	NW ¼ of the NE ¼	0

(If more space required, attach separate sheet)

Character of soil ..... N/A

Kind of crops raised ..... N/A

MUNICIPAL SUPPLY—

13. To supply the city of ..... N/A .....  
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, \$10,000.....
- 15. Construction work will begin on or before ..... September 15, 1975.....
- 16. Construction work will be completed on or before ..... December 1, 1976.....
- 17. The water will be completely applied to the proposed use on or before ...December 1, 1976

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. .... N/A .....

*A. Robert Thomas*

(Signature of applicant)

A. Robert Thomas, Acting Executive Director

Remarks: .....

The heat pump system will have a capacity of 760,000 BTU/hr. and use a maximum water flow of 105 GPM under extreme cold conditions. Two wells are to be used for the heat pump system in the transit and parking facilities being built for the City of Eugene by this Agency. One well supplies water to the system as described under item #8. The second well (which will be drilled approximately 80 ft. east of the first well) returns the same water to the same strata depth as the first well that extracts the water.

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

G 6802

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 0.23 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 the Parking Structure Well

The use to which this water is to be applied is operation of heat pump

If for irrigation, this appropriation shall be limited to 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 acre feet per acre for each acre irrigated during the irrigation season of each year; provided that use of water under this permit 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 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 September 22, 1975

Actual construction work shall begin on or before August 5, 1977 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1977

Complete application of the water to the proposed use shall be made on or before October 1, 1978

WITNESS my hand this 5th day of August, 1976

*James C. Nelson*  
WATER RESOURCES DIRECTOR

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Application No. G- 7116

Permit No. G- G 6802

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 5th day of November, 1975, at 8 o'clock A.M.

Returned to applicant:

Approved:

Recorded in book No. of Ground Water Permits on page G 6802

STATE ENGINEER

Drainage Basin No. R page 145

#3590