

Permit No. G- 636

APPLICATION FOR A PERMIT

To appropriate the Ground Waters of the State of Oregon

I, LLOYD CORPORATION, LTD. (Name of applicant)

of 9441 Olympic Boulevard, Beverly Hills, county of Los Angeles (Postoffice Address)

state of California, 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

October 26, 1925 California

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 2 cubic feet per second or 950 gallons per minute.

3. The use to which the water is to be applied is as heat source and heat sink for a heat-pump type air-conditioning system.

4. The well or other source is located 253 ft. N. and 134 ft. E from the SW corner of Block 112 Holladay's addition to Portland (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 NE 1/4 NW 1/4 of Sec. 35, Twp. 1 N., R. 1 E., W. M., in the county of Multnomah

5. The (not applicable) (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

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.

Not artesian

8. The development will consist of one well having a diameter of 16 inches and an estimated depth of 300 feet. It is estimated that 300 feet of the well will require 16" and 14" casing. Depth to water table is estimated 150 (Feet)

CANAL SYSTEM OR PIPE LINE— NONE

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 _____ Deep well turbine type. Probably 12"

Give horsepower and type of motor or engine to be used _____ 75 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

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 of acres irrigated
1 N.	1 E.	35	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Heat pump & air conditioning

(If more space required, attach separate sheet)

Character of soil _____
Kind of crops raised _____

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, \$ 8,600 for well, \$7,200 for pump
- 15. Construction work will begin on or before October 30, 1957
- 16. Construction work will be completed on or before December 31, 1957
- 17. The water will be completely applied to the proposed use on or before December, 1959
- 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.

LLOYD CORPORATION, LTD.

By R. E. R. [Signature]
By [Signature]
(Signature of applicant)

Remarks: This water will be used as the heat source and heat sink for a heat pump, or reverse cycle refrigeration system to be installed in a 300-room hotel building. During the heating season the water will be pumped from the ground at approximately 55° F. and disposed to the sewer at 41° F. During the summer or cooling season it will be disposed to the sewer at approximately 90° F. The maximum flow of 950 gpm will be required only at extreme low outside temperatures. The quantity of water pumped will be varied by action of an automatic valve in the discharge of the deep well pump to supply only the amount actually required. The total water required for a year's operation has been estimated at 165,000,000 gallons, or an average rate of 314 gpm.

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 2.0 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 industrial use

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:

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 4, 1957

Actual construction work shall begin on or before September 20, 1958 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 19 59

Complete application of the water to the proposed use shall be made on or before October 1, 19 60

WITNESS my hand this 20th day of September, 19 57.

Lewis A. Stanley STATE ENGINEER

Application No. G-749

Permit No. G-636

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 4th day of September 1957, at 2:00 o'clock P. M.

Returned to applicant:

Approved:

September 20, 1957

Recorded in book No. 3 of

Ground Water Permits on page 636

LEWIS A. STANLEY

STATE ENGINEER

Drainage Basin No. 3 page 24