

To appropriate the Ground Waters of the State of Oregon

The United States of America, represented by the Corps of Engineers,
U. S. Army Engineer District, Portland

of 500 Pittcock Block, Portland, county of Multnomah

state of Oregon does 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 Columbia River

(Name of stream)

tributary of

2. The ^{maximum} amount of water which the applicant intends to apply to beneficial use is 2.32 cubic feet per second or 1050 gallons per minute.

3. The use to which the water is to be applied is for turbine gland cooling and general project uses in connection with The Dalles Dam Project.

4. The well or other source is located 345 ft. N. and 260 ft. E. from the 1/4 corner ~~of~~ common to Sections 30 & 31, T2N, R14E, W.M. and 432 feet N 37° E of the 1/4 corner described above.

(N. or S.)

(E. or W.)

(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~~ Government Lot 3 (SW 1/4 SE 1/4) of Sec. 30, Twp. 2 N., R. 14 E. W. M. in the county of Wasco, Oregon.

5. The pipe line to be 2 miles in length, terminating in the SE 1/4 NE 1/4 of Sec. 35, Twp. 2 N.

(Canal or pipe line)

(Smallest legal subdivision)

R. 13 E., W. M. in Klickitat County, Washington The proposed location being shown throughout on the accompanying map already on file.

6. The name of the well or other works is Oregon Shore Water Well, The Dalles Dam.

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 well having a diameter of 18 to 12 inches and an estimated depth of 375 feet. It is estimated that 225 feet of the well will require steel casing. Depth to water table is estimated 10

(Give number of wells, tunnels, etc.)

(Kind)

(Feet)

CANAL SYSTEM OR PIPE LINE--

2. (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) From well to storage tank 2240 ft. of 8" pipe; from intake at storage tank the total ~~length~~ Length of pipe, 10,500 ft.; size at intake, 10 in.; in size at 4,100 ft. from intake 8 in.; in size at 6,600 ft. from intake 6 in.; in size at 8,100 ft. from intake 4 in.; size at place of use at all points; difference in elevation between intake and place of use, 111 ft. Is grade uniform? Yes Estimated capacity, sec. ft.

10. If pumps are to be used, give size and type 12" Vertical Deep-Well Turbine, multi-stage.

Give horsepower and type of motor or engine to be used 250 H.P. electric induction 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.

Distance to nearest point of Columbia River channel (now buried) is 200 feet and the difference in elevation between streambed and well site is approximately 200 feet.

12. Location of ~~origin of water~~ place of use in Oregon and Washington.

Township N. or S.	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Character of Use	State
2 N	14 E., W.M.	30	Gov't. Lot 3	Industrial	Oregon
2 N	14 E., W.M.	31	Gov't. Lot 1	"	
2 N	13 E., W.M.	35	Gov't. Lot 1	Industrial	Washington
2 N	13 E., W.M.	35	SE $\frac{1}{4}$ of the NE $\frac{1}{4}$	"	
2 N	13 E., W.M.	36	Gov't. Lot 2	"	
2 N	13 E., W.M.	36	Gov't. Lot 3	"	
2 N	13 E., W.M.	36	Gov't. Lot 4	"	
2 N	13 E., W.M.	36	Gov't. Lot 5	"	
2 N	13 E., W.M.	36	Gov't. Lot 6	"	
2 N	13 E., W.M.	36	SW $\frac{1}{4}$ of the NW $\frac{1}{4}$	"	

(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, \$140,000.00.....
- 15. Construction work will begin on or before January 1, 1959.....
- 16. Construction work will be completed on or before July 1, 1960.....
- 17. The water will be completely applied to the proposed use on or before January 1, 1961.....
- 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. None.....

United States of America

By *Merle E. Lietzke*
(Signature of applicant)

Remarks: MERLE E. LIETZKE, Chief, Real Estate Division
U.S. Army Engineer District, Portland

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,

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 2.32 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 Oregon shore water well, The Dalles Dam.

The use to which this water is to be applied is industrial use at The Dalles Dam within the State of Oregon and within the State of Washington, as authorized by Chapter 105, Oregon Laws 1959.

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 July 2, 1959

Actual construction work shall begin on or before August 20, 1960 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1960

Complete application of the water to the proposed use shall be made on or before October 1, 1961

WITNESS my hand this 20th day of August, 1959

Lewis A. Stanley STATE ENGINEER

AMENDED Application No. G-1516 Permit No. G-1398

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 2nd day of July 1959, at 8:00 o'clock A. M.

Returned to applicant:

Approved:

August 20, 1959. Recorded in book No. 6 of 13983 Ground Water Permits on page

LEWIS A. STANLEY STATE ENGINEER

Drainage Basin No. 4 page 38