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STATE ENGINEER  
SALEM, OREGON

Permit No. G-2531

APPLICATION FOR A PERMIT

# To appropriate the Ground Waters of the State of Oregon

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

of 628 Pittock Block, Portland 5, 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 Fern Ridge Reservoir, on the Long Tom River  
(Name of stream)

tributary of The Willamette River

2. The <sup>maximum</sup> amount of water which the applicant intends to apply to beneficial use is 0.18 cubic feet per second or 80 gallons per minute.

3. The use to which the water is to be applied is for domestic use and lawn sprinkling. Said sprinkling to be in vicinity of caretaker's house not to exceed 1/2 acre. at the Orchard Point Recreation Area.

4. The well or other source is located 110 ft. N. and 1,380 ft. W. from the S.E. corner of Section 3, T. 17S., R. 5W., W.M.  
(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 SW 1/4 of the SE 1/4 of Sec. 3, Twp. 17S, R. 5W, W. M., in the county of Lane, Oregon

5. The \_\_\_\_\_ 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 Orchard Point Water Well, Fern Ridge Reservoir.

## 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 8 inches and an estimated depth of 120 feet. It is estimated that 120 feet of the well will require standard 8" casing. Depth to water table is estimated 10 feet.  
(Give number of wells, tunnels, etc.) (Kind) (Feet)

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) \_\_\_\_\_ 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 vertical turbine pump with a discharge rating of 50 gpm against a 215 ft. head.

Give horsepower and type of motor or engine to be used \_\_\_\_\_ 7½ BHP electric.

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 \_\_\_\_\_ Orchard Point Recreation Area

Township N. or S.	Range E or W of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
In T. 17S., R. 5W., W.M.,	portions of the S½ SE¼ and SE¼ SW¼	Section 3,	the NW¼	
NE¼ and S½ NE¼	Section 10	lying between the Fern Ridge Reservoir and the project boundary as shown on the attached sketch, being portions of the land acquired by the United States as Tracts FR-5, FR-5A, FR-6, FR-8, FR-15 and FR-25.		
NOTE: The above description refers to the entire recreation area. Lawn sprinkling from well will be done only on approximately ½ acre in vicinity of caretaker's house in the SW¼ SE¼ Section 3, T. 17S., R. 5W., W.M.				
17S	5W	3	SE¼ SW¼	} Public Park Use
			SW¼ SE¼	
			SE¼ SE¼	
		10	NW¼ NE¼ SW¼ NE¼ SE¼ NE¼	

(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, \$8,500.00

15. Construction work will begin on or before 1 November 1963

16. Construction work will be completed on or before June 1964

17. The water will be completely applied to the proposed use on or before June 1965

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.

UNITED STATES OF AMERICA

By: *Merle E. Lietz*  
MERLE E. LIETZ (Signature of applicant) Chief, Real Estate Div  
U. S. Army Engineer District, Portland

Remarks:

The Orchard Point Recreation Area is owned by the United States. The proposed well will provide water for domestic purposes in the recreation area, principally for sanitary facilities and drinking, with occasional use for sprinkling in the vicinity of the caretaker's house not to exceed 1/2 acre.

Domestic service is for caretaker's house, concession building, public cooking and picnic facilities, drinking fountains, sanitary facilities.

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 December 20, 1963.

WITNESS my hand this 21 day of October, 1963.

CHRIS L. WHEELER

STATE ENGINEER

By

*Walter J. Long*

ASSISTANT

STATE OF OREGON,

PERMIT

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 0.18 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 Orchard point well

The use to which this water is to be applied is maintain and operate a public park

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 October 4, 1963

Actual construction work shall begin on or before February 5, 1965 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1965

Complete application of the water to the proposed use shall be made on or before October 1, 1966

WITNESS my hand this 5th day of February, 1964

Chris L. Wheeler STATE ENGINEER

Application No. G- 2711
Permit No. G- 2531

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 October, 1963, at 8:00 o'clock A. M.

Returned to applicant:

Approved: February 5, 1964
Recorded in book No. 10 of 2531
Ground Water Permits on page

CHRIS L. WHEELER STATE ENGINEER

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