

RECEIVED
MAR 28 1957
STATE ENGINEER
SALEM, OREGON

Permit No. **24842**

*** APPLICATION FOR A PERMIT**

To appropriate the Public Waters of the State of Oregon

I, Mt. Hood National Forest (Name of applicant)
of P.O. Box 5241, Portland 16, County of Multnomah
(Post office)
State of Oregon, do hereby make application for a permit to appropriate the following described public waters of the State of Oregon, **SUBJECT TO EXISTING RIGHTS:**

If the applicant is a corporation, give date and place of incorporation.

1. The source of the proposed appropriation is Art. and Pate Spring (Name of stream)
(on National Forest land), a tributary of Clackamas River

2. The amount of water which the applicant intends to apply to beneficial use is 0.16
cubic feet per second. 0.16
(If water is to be used from more than one source, give quantity from each)

**3. The use to which the water is to be applied is Domestic supply
(Irrigation, power, mining, manufacturing, domestic supplies, etc.)

4. The point of diversion is located 1,260 ft. S and 130 ft. E from the N. 1/4
(N. or S.) (E. or W.)
corner of Section 2, T6S, R6E, W.M. (NW 1/4 & NE 1/4)
(Section or subdivision)

(If preferable, give distance and bearing to section corner)

(If there is more than one point of diversion, each must be described. Use separate sheet if necessary)

being within the NW 1/4 & NE 1/4 of Sec. 2, T6S, R6E, W.M., in the county of Clackamas
(Give smallest legal subdivision) (N. or S.) (E. or W.)

5. The pipe line to be 3000 feet
(Main ditch, canal or pipe line) (Miles or feet)
in length, terminating in the SW 1/4 of Sec. 2 & NW 1/4 of Sec. 3, T6S, R6E, W.M., the proposed location being shown throughout on the accompanying map.
(Smallest legal subdivision) (N. or S.) (E. or W.)

DESCRIPTION OF WORKS

DIVERSION WORKS—

6. (a) Height of dam 5 feet, length on top 20 feet, length at bottom 15 feet; material to be used and character of construction Concrete cut-off wall with gravel filter underground intake & approx. 3000 gal. pumping reservoir, rock and brush, timber crib, etc., wasteway over or around dam) with concrete spillway for excess.

(b) Description of headgate 12" round perforated culvert pipe spilling into 3000 gallon pumping reservoir.
(Timber, concrete, etc., number and size of openings)

(c) If water is to be pumped give general description Centrifugal pump 50 gal/min capacity w/5HP electric motor, 80 ft. head, 8 ft. suction lift, stationary installation.
(Size and type of pump) (Size and type of engine or motor to be used, total head water is to be lifted, etc.)

*A different form of application is provided where storage works are contemplated.

**Applications for permits to appropriate water for the generation of electricity, with the exception of municipalities, must be made to the Hydroelectric Commission. Either of the above forms may be secured, without cost, together with instructions by addressing the State Engineer, Salem, Oregon.

CANAL SYSTEM OR PIPE LINE—

7. (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, 1000 ft.; size at intake, 2 1/2 in.; size at.....ft. from intake.....in.; size at place of use 2 1/2 in.; difference in elevation between intake and place of use, 70 ft. Is grade uniform? yes Estimated capacity, 0.3 sec. ft.

8. Location of area to be irrigated, or place of use.....

Table with columns: Township, Range W/W, Section, Forty-acre Tract, Number Acres To Be Irrigated. Handwritten entries: T.5S, R.6E, Section 2 (NE 1/4 NW 1/4), Section 3 (SE 1/4 NE 1/4), none Dom., Ranger Office.

(If more space required, attach separate sheet)

(a) Character of soil.....

(b) Kind of crops raised.....

POWER OR MINING PURPOSES—

9. (a) Total amount of power to be developed..... theoretical horsepower.....

(b) Quantity of water to be used for power..... sec. ft.

(c) Total fall to be utilized.....feet. (Head)

(d) The nature of the works by means of which the power is to be developed.....

(e) Such works to be located in..... of Sec..... (Legal Subdivision)

Tp....., R....., W. M. (No. N. or S.) (No. E. or W.)

(f) Is water to be returned to any stream?..... (Yes or No)

(g) If so, name stream and locate point of return..... Sec....., Tp....., R....., W. M. (No. N. or S.) (No. E. or W.)

(h) The use to which power is to be applied is.....

(i) The nature of the mines to be served.....

MUNICIPAL OR DOMESTIC SUPPLY

10. (a) To supply the city of _____
_____ County, having a present population of _____
and an estimated population of _____ in 1960

8 planned by 1959
15 planned by 1960

(b) If for domestic use state number of families to be supplied _____

(Answer questions 11, 12, 13, and 14 in all cases)

- 11. Estimated cost of proposed works, \$ 7,000
- 12. Construction work will begin on or before March 1, 1957
- 13. Construction work will be completed on or before April 1, 1957
- 14. The water will be completely applied to the proposed use on or before April 1, 1957

Lloyd R. Olson
(Signature of applicant)

Lloyd R. Olson
Forest Supervisor

Signed in the presence of us as witnesses:

- (1) _____
(Name) (Address of witness)
- (2) _____
(Name) (Address of witness)

Remarks: _____

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, _____ corrections on or before June 17, 1957

WITNESS my hand this 15th day of April, 1957

LEWIS A. STANLEY

By *James W. Carver, Jr.*
James W. Carver, Jr.
Assistant

PERMIT

STATE OF OREGON }
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.....0.16.....cubic feet per second measured at the point of diversion from the stream, or its equivalent in case of rotation with other water users, from Art. and Fate Spring.

The use to which this water is to be applied is domestic.

If for irrigation, this appropriation shall be limited to..... of one cubic foot per second

and shall be subject to such reasonable rotation system as may be ordered by the proper state officer.

The priority date of this permit is March 28, 1957.

Actual construction work shall begin on or before June 20, 1958 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1959.

Complete application of the water to the proposed use shall be made on or before October 1, 1959.

WITNESS my hand this 20th day of June, 1957.

Lawrence U. ...
STATE ENGINEER

Permits for power development are subject to the payment of annual fees as provided in sections 1 and 2, chapter 74, Oregon Laws 1933

Application No. 31453
Permit No. 24842

PERMIT
TO APPROPRIATE THE PUBLIC
WATERS OF THE STATE
OF OREGON

Division No. District No.
This instrument was first received in the office of the State Engineer at Salem, Oregon on the 22th day of March, 1957 at 9:00 o'clock A.M.

Returned to applicant:

Corrected application received:

Approved:

June 21, 1957

Recorded in book No. 66 of
Permits on page 21812

STATE ENGINEER

Drainage Basin No. 2 Page 10 K

Fees Paid