

* APPLICATION FOR PERMIT CERTIFICATE NO. 24612

To appropriate the Public Waters of the State of Oregon

I, United States of America - U. S. Army Engineers, of 628 Pittock Block, Portland, 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 Tumble Creek, a tributary of Breitenbush River

2. The amount of water which the applicant intends to apply to beneficial use is 1.0 cubic feet per second.

**3. The use to which the water is to be applied is domestic supplies

4. The point of diversion is located 1000 ft. S and 900 ft. E from the NW corner of Sec. 10

being within the NW 1/4 of NW 1/4 of Sec. 10, Tp. 10 S, R. 5 E, W. M., in the county of Marion County

5. The Pipe to be 2700 ft. in length, terminating in the NW 1/4 of SW 1/4 of Sec. 10, Tp. 10 S, R. 5 E, W. M., the proposed location being shown throughout on the accompanying map.

DESCRIPTION OF WORKS

Diversion Works—

6. (a) Height of dam 4 feet, length on top 25 feet, length at bottom 25 feet; material to be used and character of construction Gravity Wall

(b) Description of headgate Gate Valve

(c) If water is to be pumped give general description

*A different form of application is provided where storage works are contemplated. **Application for permits to appropriate water for the generation of electricity, with the exception of municipalities, must be made to the Hydroelectric Commission.

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, 2700 ft.; size at intake, 12" in.; size at 2700 ft. from intake 12" in.; size at place of use 6" in.; difference in elevation between intake and place of use, 10-20 ft. Is grade uniform? Yes. Estimated capacity, 300 g.p.m. sec. ft.

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

| Township | Range | Section | Forty-acre Tract | Number Acres To Be Irrigated |
|----------|-------|---------|--------------------------------------|------------------------------|
| 10 S | 5 E | 10 | SW $\frac{1}{4}$ of SW $\frac{1}{4}$ | |
| " | " | " | SE $\frac{1}{4}$ of SW $\frac{1}{4}$ | |
| " | " | " | SW $\frac{1}{4}$ of SE $\frac{1}{4}$ | |
| " | " | " | NW $\frac{1}{4}$ of SW $\frac{1}{4}$ | |
| " | " | " | NE $\frac{1}{4}$ of SW $\frac{1}{4}$ | |
| " | " | " | NW $\frac{1}{4}$ of SE $\frac{1}{4}$ | |
| " | " | " | SE $\frac{1}{4}$ of NW $\frac{1}{4}$ | |
| " | " | 15 | NW $\frac{1}{4}$ of NW $\frac{1}{4}$ | |
| " | " | 15 | NE $\frac{1}{4}$ of NW $\frac{1}{4}$ | |

(If more space required, attach separate sheet)

(a) Character of soil Gravel

(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 Construction Camp - Detroit Res.

Project Marion County, having a present population of _____

(Name of)

and an estimated population of 1350 in 1947.

(b) If for domestic use state number of families to be supplied construction camp - total
population approximately 3,000.

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

- 11. Estimated cost of proposed works, \$ 10,000
- 12. Construction work will begin on or before July 1, 1946
- 13. Construction work will be completed on or before January 1, 1947
- 14. The water will be completely applied to the proposed use on or before August 1946

(Sgd) O E Walsh

(Signature of applicant)

O. E. Walsh,

Colonel, Corps of Engineers,
District Engineer.

Remarks: This water will provide domestic supplies for a temporary
construction camp and will not be needed after completion of construction of
Detroit Dam.

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 _____, 194_____

WITNESS my hand this _____ day of _____, 194_____

STATE ENGINEER

Application No. 21684

Permit No. 17028

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 28th day of May, 1946 at 8:30 o'clock A. M.

Returned to applicant:

Corrected application received:

Approved:

August 15, 1946

Recorded in book No. 42 of

Permits on page 17028

CHAS. E. STRICKLIN STATE ENGINEER

Drainage Basin No. 2 Page 50 - C.

Fees Paid \$10.00

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 1.0 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 Tumble Creek

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 May 28, 1946

Actual construction work shall begin on or before August 15, 1947 and shall thereafter be prosecuted with reasonable diligence and be completed on or before

October 1, 1948

Complete application of the water to the proposed use shall be made on or before

October 1, 1949

WITNESS my hand this 15th day of August, 1946

CHAS. E. STRICKLIN

STATE ENGINEER