

* APPLICATION FOR A PERMIT

CERTIFICATE NO. 21424

To Appropriate the Public Waters of the State of Oregon

I, George Emil Frakes (Name of applicant) of Scappoose (Post office), County of Columbia, 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 Jackson Creek (Name of stream), a tributary of Willamette Slough

2. The amount of water which the applicant intends to apply to beneficial use is 0.34 cubic feet per second. being .08 c.f.s. for gravity diversion and 0.26 c.f.s. for pumping (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 IRRIGATION (Irrigation, power, mining, manufacturing, domestic supplies, etc.)

4. The point of diversion/is located 331 ft. N. and 222 ft. W from the SW corner of my property (which is the middle corner of the NW 1/4 of Sec. 24) (Section or subdivision) (Diversion point for pumping described on attached sheet.) (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 NW 1/4 of Sec. 24, Tp. 3 N (Give smallest legal subdivision) (N. or S.)

R. 2 W, W. M., in the county of Columbia (E. or W.)

5. The ditch to be 1785 feet (Main ditch, canal or pipe line) (Miles or feet) in length, terminating in the NE 1/4 NW 1/4 of Sec. 24, Tp. 3 N (Smallest legal subdivision) (N. or S.)

R. 2 W, W. M., the proposed location being shown throughout on the accompanying map. (E. or W.)

DESCRIPTION OF WORKS

DIVERSION WORKS—

6. (a) Height of dam 1 feet, length on top 8 feet, length at bottom 8 feet; material to be used and character of construction sand bag (Loose rock, concrete, masonry, rock and brush, timber crib, etc., wasteway over or around dam)

(b) Description of headgate (Timber, concrete, etc., number and size of openings)

(c) If water is to be pumped give general description 200 gal. per minute pump (Size and type of pump) coupled to a five H.P. electric motor. Water will go through 435 feet of (Size and type of engine or motor to be used, total head water is to be lifted, etc.) 8 inch pipe with a total head of 62 feet.

*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) 1 feet; width on bottom 1 feet; depth of water 8 inches feet; grade 30 feet fall per one thousand feet.

(b) At 1000 ft miles from headgate: width on top (at water line) 1 feet; width on bottom 1 feet; depth of water 6 feet; grade 30 feet fall per one thousand feet.

(c) Length of pipe, 435 ft.; size at intake, 8 inch in.; size at 435 ft. from intake 8 in.; size at place of use 8 in.; difference in elevation between intake and place of use, 62 ft. Is grade uniform? no Estimated capacity, .56 + sec. ft.

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

Township	Range	Section	Forty-acre Tract	Number Acres To Be Irrigated
GRAVITY SYSTEM:				
3 N	2 W	24	NE $\frac{1}{4}$ NW $\frac{1}{4}$	3.5
			SE $\frac{1}{4}$ NW $\frac{1}{4}$	0.5
			NW $\frac{1}{4}$ NE $\frac{1}{4}$	0.5
			SW $\frac{1}{4}$ NE $\frac{1}{4}$	1.5
PUMPING SYSTEM:				
3 N	2 W	24	NE $\frac{1}{4}$ NW $\frac{1}{4}$	15.0
			NW $\frac{1}{4}$ NE $\frac{1}{4}$	6.0
				27.0

(If more space required, attach separate sheet)

(a) Character of soil Willamette silt loam

(b) Kind of crops raised alfalfa, clover, peas

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. No. N. or S., R. No. E. or W., W. M.

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

(g) If so, name stream and locate point of return

Sec., Tp. No. N. or S., R. No. E. or W., W. M.

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

(i) The nature of the mines to be served

APPLICATION FOR WATER PERMIT

4. The point of diversion for the pumping system is located 270 feet north and 122 feet east from the SW corner of my property being within the NE $\frac{1}{4}$ of the NW $\frac{1}{4}$ of Section 24, T. 3 N. R. 2 W., W.M. in the county of Columbia.
5. The pipeline starts from the point of diversion of the pumping system and runs 435 feet to top of hill where it empties into a flume and ditch which leads to land to be irrigated. It terminates in the NE $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 24, T. 3 N. R. 2 W.
6. A dam for use with the pumping system will be 4 feet high of sand bag construction. It will be 3 feet wide at the top and 4 feet wide at the bottom.

An inverted siphon 60 feet long will be used to go under the highway that divides my place into 2 parts. This will carry water to irrigable land across the road from the pump and main ditch.

MUNICIPAL OR DOMESTIC SUPPLY—

10. (a) To supply the city of.....
.....County, having a present population of.....
(Name of)
and an estimated population of.....in 193....

(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, \$ 450.00
- 12. Construction work will begin on or before May 20, 1938
- 13. Construction work will be completed on or before May 20, 1941
- 14. The water will be completely applied to the proposed use on or before May 20, 1941

George E. Frakes

(Signature of applicant)

Scappoose, Oregon

Signed in the presence of us as witnesses:

- (1) Ernest Johnson, Scappoose, Oregon
(Name) (Address of witness)
- (2) Bertha Uhlman, Scappoose, Oregon
(Name) (Address of witness)

Remarks: A flume will be used on the gravity system. It will be 102 feet long, 1 foot wide and 8 inches deep.

A flume will be used with the pumping system. It will be 100 feet long, 1 foot wide, and 8 inches deep. It will carry water from the end of the pipe to the ditch.

There will be 2 systems on the place. The gravity system will irrigate 6 acres. The pumping system will irrigate 21 acres.

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....., 193....

WITNESS my hand this.....day of....., 193....

STATE ENGINEER

Application No. 18082

Permit No. 13745

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 18th day of May 1939, at 1:30 o'clock P.M.

Returned to applicant:

Corrected application received:

Approved:

August 15, 1939

Recorded in book No. 39 of Permits on page 13745

CHAS. E. STRICKLIN STATE ENGINEER

Drainage Basin No. 32 Page 76 G Fees Paid \$9.50

STATE OF OREGON } ss. County of Marion,

PERMIT

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 0.34 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

Jackson Creek

The use to which this water is to be applied is IRRIGATION

If for irrigation, this appropriation shall be limited to 1/80th 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 2 1/2 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 priority date of this permit is May 18, 1939

Actual construction work shall begin on or before August 15, 1940 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1941

Complete application of the water to the proposed use shall be made on or before October 1, 1942 Extended to Oct. 1, 1944

WITNESS my hand this 15th day of August, 1939.

CHAS. E. STRICKLIN

STATE ENGINEER