

* APPLICATION FOR PERMIT

To Appropriate the Public Waters of the State of Oregon

I, Wm. A. Schoenfeld, Director, Oregon Agricultural Experiment Station
(Name of applicant)
of Corvallis,
(Mailing address)
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

- The source of the proposed appropriation are Soap Creek and its Branches
(Name of stream)
Berry and Staats, a tributary of Luckiamute River
- The amount of water which the applicant intends to apply to beneficial use is
cubic feet per second. (1) Soap Creek 1 sec. ft. (2) Middle or Berry Creek 3/4 sec. ft., and
(3) Staats Creek 1/2 sec. ft.
(If water is to be used from more than one source, give quantity from each)
- The use to which the water is to be applied is Irrigation by portable pumping unit
(Irrigation, power, mining, manufacturing, domestic supplies, etc.)
and sprinklers

4. The point of diversion is located _____ ft. _____ and _____ ft. _____ from the
(N. or S.) (E. or W.)
corner of _____
(Section or subdivision)
(SEE REMARKS)

(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 _____ of Sec. _____, Tp. 10S.
(Give smallest legal subdivision) (N. or S.)

R. 5 W., W. M., in the county of Polk and Benton
(E. or W.)

5. The _____ to be _____
(Main ditch, canal or pipe line) (Miles or feet)
in length, terminating in the _____ of Sec. _____, Tp. _____
(Smallest legal subdivision) (N. or S.)

R. _____, 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 Berry Creek
2' log feet, length on top 16' feet, length at bottom
11' feet; material to be used and character of construction plank piling, 2-ply
(Loose rock, concrete, masonry,

rock and brush, timber crib, etc., wasteway over or around dam)

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

(c) If water is to be pumped give general description Two pumping units 225 g.p.m.
(Size and type of pump)
capacity, with tractors for power.
(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.

** Application 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) $2\frac{1}{2}$ feet; width on bottom $2\frac{1}{2}$ feet; depth of water 1 feet; grade 20 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, 20 ft.; size at intake, 4" suction in.; size at discharge $4\frac{1}{2}$ in. from intake in.; size at place of use variable in.; difference in elevation between lift 20 ft. discharge lift. intake and place of use, 10 ft. suction ft. Is grade uniform? Fairly Estimated capacity, sec. ft.

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

Township	Range	Section	Forty-acre Tract	Number Acres To Be Irrigated	
(1) Soap Cr. 108	5 W.	26	S.E. $\frac{1}{4}$ of N.W. $\frac{1}{4}$	20	Total
"	"	"	N.W. $\frac{1}{4}$ of N.E. $\frac{1}{4}$	22	
"	"	"	N.E. $\frac{1}{4}$ of N.E. $\frac{1}{4}$	10	
"	"	23	S.E. $\frac{1}{4}$ of S.E. $\frac{1}{4}$	13	
"	"	"	S.W. $\frac{1}{4}$ of S.E. $\frac{1}{4}$	15	80
(2) Middle Cr.	"	9	S.W. $\frac{1}{4}$ of S.E. $\frac{1}{4}$	4	
"	"	"	N.W. $\frac{1}{4}$ of S.E. $\frac{1}{4}$	26	
"	"	"	S.E. $\frac{1}{4}$ of S.W. $\frac{1}{4}$	10	
"	"	"	N.E. $\frac{1}{4}$ of S.W. $\frac{1}{4}$	20	60
(3) Staats Cr.	"	5	S.E. $\frac{1}{4}$ of S.E. $\frac{1}{4}$	40	40
				180	

(If more space required, attach separate sheet)

(a) Character of soil Chehalis silty clay loam, mainly

(b) Kind of crops raised Perennial grasses and legumes

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

(Name of)

and an estimated population of in 19.....

(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, \$ 4000⁰⁰.....

12. Construction work will begin on or before Oct 1 — 1949.....

13. Construction work will be completed on or before Oct 1 — 1951.....

14. The water will be completely applied to the proposed use on or before Oct 1 — 1951.....

(Sgd) Wm. A. Schoenfeld
(Signature of applicant)

Dean and Director

Remarks:

4.

(1) The 1st point of diversion is located by 5/8 in. iron rod, South edge of 20 in. oak, N. 84°, 30' W., 486 ft. from the Southeast corner of the Eph. Garrison DIC No. 49, Sec. 26; T. 10 S; R. 5 W., W.M., for irrigation of 20 acres in the S.E. 1/4 of the N.W. 1/4, and

(2) by 5/8 in. iron rod at the Northeast corner of bridge, N. 40°, 25' E., 2172 ft. from said Southeast corner of said Garrison DIC, for irrigation of 22 acres in the N.W. 1/4 of the N.E. 1/4 and 10 acres in the N.E. 1/4 of the N.E. 1/4 of said Sec. 26, and 13 acres in the S.E. 1/4 of the S.E. 1/4, Section 23, T 10 S; R. 5 W, and

(3) Middle Creek diversions by low dams near 5/8 in. iron rod, between 22 in. and 16 in. firs and 1043 ft. S. 10°, 10' W. of an iron rod on West line of the Wm. Berry DIC 55, said fir is near the center of the S.W. 1/4, Sec. 9; T. 10 S; R. 5 W., and for the irrigation of 26 acres in the N.W. 1/4 of the S.E. 1/4 and 4 acres in the S.W. 1/4 of the S.E. 1/4; also 20 acres in the N.E. 1/4 of the S.W. 1/4 and 10 acres in the S.E. 1/4 of the S.W. 1/4 of said Sec. 9, as shaded on map, and

(4) Staats Creek diversion to be by 5/8 in. iron rod at the Southeast edge of a 48 in. ash, 1200 ft. S. 63°, 42' E. from most westerly corner of Wm. J. Berry DIC 53, which corner is near the center of the S.E. 1/4 of Sec. 5; T. 10 S; R. 5 W, for the irrigation of the Southeast 40 acres in said Sec. 5; T. 10 S; R. 5 W.

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 forcompletion and changes.....

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before June 18,, 1949..

WITNESS my hand this 17th day of May, 1949..

CHAS. E. STRICKLIN
STATE ENGINEER

By
Ed K. Humphrey, Assistant dh

Application No. 23155

Permit No. 18680

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 29th day of April, 1948, at 8:00 o'clock A. M.

Returned to applicant:

Corrected application received:

Approved:

September 15, 1949

Recorded in book No. 46 of

Permits on page 18680

CHAS. E. STRICKLIN

STATE ENGINEER

Drainage Basin No. 2 Page 18 B

Fees Paid \$29.50

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 2.25 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 Soap Creek, Berry Creek and Staats Creek, being 1.00 cfs from Soap Cr., 0.75 cfs from Berry Cr. and 0.50 cfs from Staats Cr.

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 April 29, 1948

Actual construction work shall begin on or before September 15, 1950 and shall thereafter be prosecuted with reasonable diligence and be completed on or before

Extended to Oct. 1, 1953 Extended to Oct. 1, 1955 Extended to Oct. 1, 1957 October 1, 1951

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

Extended to Oct. 1, 1953 Extended to Oct. 1, 1955 Extended to Oct. 1, 1957 October 1, 1951

WITNESS my hand this 15th day of September, 1949.

CHAS. E. STRICKLIN

STATE ENGINEER