

* APPLICATION FOR PERMIT

To appropriate the Public Waters of the State of Oregon

I, A. J. & Gertrude Kirk
(Name of applicant)
of Vernonia,
(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

1. The source of the proposed appropriation is Nehalem River
(Name of stream)
a tributary of Columbia River

2. The amount of water which the applicant intends to apply to beneficial use is 0.55
cubic feet per second. Source 1 - 0.3 cu. ft./sec. Source 2 - 0.25 cu. ft./sec.
(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 ^{#2} is located 600 ft. S 15° 45' E ~~and~~ for from the N 1/4 Sec. corner of Sec. 12 T. 4 N., R. 5 W. Point of diversion #1 is located 1260' S. of the N 1/4 Section corner of Sec. 12 T. 4 N. R. 5 W. Point of Diversion No. 1 is on the Section line between the NW 1/4 & NE 1/4 and point #2 is
(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 NE Quarter of Sec. 12, Tp. 4 N.,
(Give smallest legal subdivision) (N. or S.)
R. 5 W., W. M., in the county of Columbia
(E. or W.)

5. The Pipe line to be 1300 ft.
(Main ditch, canal or pipe line) (Miles or feet)
in length, terminating in the NW 1/4 of NE 1/4 of Sec. 12, Tp. 4 N.,
(Smallest legal subdivision) (N. or S.)
R. 5 W., W. M., the proposed location being shown throughout on the accompanying map.
(E. or W.)

DESCRIPTION OF WORKS

Diversion Works— None

6. (a) Height of dam _____ feet, length on top _____ feet, length at bottom _____ feet; material to be used and character of construction _____
(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 100 g.p.m. Centrifugal pump
(Size and type of pump)
Electric Motor Single Phase 5 H. P. - Highest actual 1 ft. 12 ft.
(Size and type of engine or motor to be used, total head water is to be lifted, etc.)
Sprinkler irrigation operating at 30 p.s. at sprinkler

* 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) 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.; 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.

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

Township	Range	Section	Forty-acre Tract	Number Acres To Be Irrigated
4 N	5 W	12	NW $\frac{1}{4}$ of the NE $\frac{1}{4}$	6
4 N	5 W	12	NE $\frac{1}{4}$ of the NW $\frac{1}{4}$	23

Land lies partially in NE $\frac{1}{4}$ of NW $\frac{1}{4}$ S 12 T 4 N R 5 W, partially in NW $\frac{1}{4}$ of NE $\frac{1}{4}$ S 12 T 4 N R 5 W.

Beginning at the $\frac{1}{4}$ Section Corner in the N. line of Section 12 T 4 N R 5 W thence S 15° 45' E 2831.4 feet to the center of said section as established by T. S. Wilkes, County Surveyor; Thence W. on $\frac{1}{2}$ Section line 20.8 feet; thence N. 15° 45' W 1273 feet thence S 74° 15' W 188.6 feet, thence N 15° 45' W 238.6 feet to center of Nehalem River, thence South westerly up center of Nehalem River to a point which is S 38° 20' E 1530 feet from the $\frac{1}{4}$ section corner on the N line of Section 12, thence N 38° 20' E 1530 feet to the place of beginning containing 20 acres more or less.

Beginning at the $\frac{1}{4}$ section corner of the N line of Section 12 in T4N R5W running W along said section line 1320 feet; thence S following the $\frac{1}{16}$ section line 1155 feet to the center of the Nehalem River, thence E up center line of Nehalem River 372 feet to a point which is S 38° 20' W and 1530 feet from the $\frac{1}{4}$ section corner on the N line of section 12; thence N 38° 20' E 1530 feet to place of beginning containing 20 acres more or less.

Beginning at the $\frac{1}{4}$ section corner of N Boundary of Section 12, T4N R5W running E on said line to center of Nehalem River; thence following center of said river in a southerly direction, thence (if more space required, attach separate sheet) easterly, thence westerly to a point where the Nehalem River crosses the east line of a tract of land owned by A. J. Kirk; (Cont. under Remarks)

(a) Character of soil Sandy loam & Clay loam

(b) Kind of crops raised Pasture Grasses & Clover

Power or Mining Purposes— None

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— None

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, \$ 2000.00.....

12. Construction work will begin on or before immediately.....

13. Construction work will be completed on or before Oct. 1, 1949.....

14. The water will be completely applied to the proposed use on or before June 1, 1950.....

(Sgd) A. J. Kirk
(Signature of applicant)

(Sgd) Gertrude Kirk

Remarks: Irrigation now being done with 10 sprinkler of 7 gpm size. More
sprinklers will be added to enlarge system to a 29 acre set-up.

(Cont.) thence in a northerly direction along said east line of said tract of
Kirk land to a place of beginning containing 6 acres more or less.

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 | Correction

In order to retain its priority, this application must be returned to the State Engineer, with correc-
tions on or before February 10 1950
October 26, 1949.

WITNESS my hand this 11th day of January 1950
26th day of September, 1949.

CHAS. E. STRICKLIN
STATE ENGINEER

By
Ed K. Humphrey, Assistant
rn dh

Application No. 21115

Permit No. 19108

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 11th day of September, 1949, at 8:00 o'clock A.M.

Returned to applicant:

Corrected application received:

Approved:

March 30, 1950

Recorded in book No. 47 of Permits on page 19108

CHAS. E. STRICKLIN STATE ENGINEER

Drainage Basin No. 1 Page 9

Fees Paid \$15.00

PERMIT

STATE OF OREGON, } ss. 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 0.37 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 Nehalem River

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 September 11, 1949

Actual construction work shall begin on or before March 30, 1951 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1952

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

October 1, 1953

WITNESS my hand this 30th day of March, 1950.

CHAS. E. STRICKLIN STATE ENGINEER