

STATE ENGINEER
SALEM, OREGON

APPLICATION FOR PERMIT

To appropriate the Public Waters of the State of Oregon

I, Edward L. Croff
(Name of applicant)

of 1106 North 4th Street, 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

1. The source of the proposed appropriation is Mary's River
(Name of stream)
a tributary of Willamette River

2. The amount of water which the applicant intends to apply to beneficial use is .0125 (maximum) cubic feet per second per acre for all land covered in this permit. (pump cap. 300 GPM.)
(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 1820 ft. N and 2100 ft. E from the SW corner of Section 16, Twp. 12 south, Range 5 West of Willamette Mer.
(Section or subdivision)

The point of diversion might have to be shifted a few feet one way or the other due to the washing and filling and shifting of the stream bed by erosion.

(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 40 of the SW 1/4 of Sec. 16, Tp. 12 North
(Give smallest legal subdivision) (N. or S.)

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

5. The Pipe line to be 2970 feet
(Main ditch, canal or pipe line) (Miles or feet)

in length, terminating in the NE 40 of the NE 1/4 of Sec. 17, Tp. 12 south
(Smallest legal subdivision) (N. or S.)

R. 5 West, 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 _____ 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 Portable pump; 300 gals per minute capacity. The pump is to be a 20 HP, 3 phase electric motor driven "built-together" pump.
(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.
**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, 20 ft.; size at intake, 6 inches in.; size at ft. from intake in.; size at place of use 6.5 in. (see remarks) in.; difference in elevation between intake and place of use from 8 ft. to 22 ft. Is grade uniform? nearly Estimated capacity, 22 sec. ft. (300 gallons per minute)

8. Location of area to be irrigated, or place of use. See attached maps and land descriptions.

Township North or South	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
12 South	5 West	17 SW-2/4	Northeast 40 (NE 1/4 SE 1/4)	10.5 JH Coffey
"	"	16 SW-2/4	Northeast 40 (NE 1/4 SW 1/4)	7.5 JH Coffey
"	"	"	Northwest 40 (NW 1/4 SW 1/4)	21.5 JH Coffey
"	"	"	Southwest 40	None This Application No - this is all covered in my 5-3 acre Permit # 19054
"	"	"	Southeast 40	
				39.5 JH Coffey
All land covered in this permit request is described in the attached land description and shown in detail on the two maps included as part of this permit request.				

(If more space required, attach separate sheet)

(a) Character of soil Chehalis Silt

(b) Kind of crops raised Irrigated pastures and alfalfa hay.

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

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, \$ Irrigation equipment to cost \$4800.00
- 12. Construction work will begin on or before Date permit is received by applicant.
- 13. Construction work will be completed on or before 10 days after receipt of permit.
- 14. The water will be completely applied to the proposed use on or before 30 days after completion of system, or August 1, 1963 whichever is first.

Howard L. Croff
(Signature of applicant)

Remarks: Water is requested for use in irrigating pasture and hay crops for this dairy farm (45 milking cows and 35 head of young dairy heifers and calves.) The pump will be a 3 phase, 20 horsepower built-together electric pump having a pumping capacity of approximately 300 GPM. It is proposed to run the mainline (as shown on the attached map) as follows: from intake to 990 feet from the pump with 6" mainline; then, 1020 feet of 5" main line; then 900 feet of 4" mainline. Two laterals to be of 3" dia tubing with 20 sprinklers (maximum) set 40 feet apart and each sprinkler having a 6 GPM maximum capacity. One lateral having 320 feet of 3" tubing and 400 feet of 2" tubing, also having 20, 6 gpm sprinklers, 40 (forty) feet apart. It is estimated by the engineer that this system will permit a minimum of 50 psi at any point on the mainline. This will make water use more uniform throughout the springler system and give a more efficient use of all water applied.

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, with corrections on or before _____ September 10 _____, 19 63.

WITNESS my hand this _____ 10 _____ day of _____ July _____, 19 63.

CHRIS L. WHEELER

STATE ENGINEER

By

Walter M. [Signature]

ASSISTANT

PERMIT

STATE OF OREGON

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 0.49 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 Mary's River

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

If for irrigation, this appropriation shall be limited to 1/800 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 June 7, 1963

Actual construction work shall begin on or before August 9, 1964 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1965

Complete application of the water to the proposed use shall be made on or before October 1, 1966

WITNESS my hand this 9th day of August, 1963

Chris L. Wheeler STATE ENGINEER

Application No. 38817
Permit No. 28887

PERMIT

TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF OREGON

This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 7th day of June, 1963, at 5:00 o'clock P.M.

Returned to applicant:

Approved:

August 9, 1963

Recorded in book No. 80 of

Permits on page 28887

CHRIS L. WHEELER STATE ENGINEER

Drainage Basin No. 2 page 19-B

Fees