

RECEIVED

Permit No. 41535

MAR 1 1977

WATER RESOURCES DEPT.
SALEM, OREGON

*APPLICATION FOR PERMIT "CERTIFICATE NO. 57520"

To appropriate the Public Waters of the State of Oregon

I, Michael S. Carr (Name of applicant)
of Rt. 2 Box 55 (Mailing address), Dayton (City),
State of Oregon, 97114 (Zip Code), 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 Palmer Creek (Name of stream), a tributary of Yamhill

2. The amount of water which the applicant intends to apply to beneficial use is 2.00 cubic feet per second (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 Frost Control (Irrigation, power, mining, manufacturing, domestic supplies, etc.)

4. The point of diversion is located 2200 ft. N and 670 ft. E from the S.W. corner of Section 8 (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 NW 1/4 SW 1/4 of Sec. 8, Tp. 5 S, R. 3 W, W. M., in the county of Yamhill

(Give smallest legal subdivision) (E. or W.)

5. The Pipe Line (Main ditch, canal or pipe line) to be 4,000 ft. (Miles or feet) in length, terminating in the SW 1/4 SE 1/4 of Sec. 7, Tp. 5 S, R. 3 W, W. M., the proposed location being shown throughout on the accompanying map.

(Smallest legal subdivision) (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 50 H.P. Centrifical pump (Size and type of pump) 450 gals per min. (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. Such forms can be secured without charge, together with instructions, by addressing the State Engineer, Salem, Oregon 97310.

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, 4000 ft.; size at intake, 6 in.; size at 20 ft. from intake 8 in.; size at place of use 3 in.; difference in elevation between intake and place of use, 20 ft. Is grade uniform? Yes Estimated capacity, sec. ft.

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

Township North or South	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
55	3W	7	NE 1/4 SE 1/4	3 ⁰
			SE 1/4 SE 1/4	10 ⁷
			SW 1/4 SE 1/4	2 ³
			NW 1/4 SE 1/4	0 ³
				<u>163</u>

(If more space required, attach separate sheet)

(a) Character of soil Wood burn silt loam

(b) Kind of crops raised Peaches

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, \$.....

12. Construction work will begin on or before

13. Construction work will be completed on or before

14. The water will be completely applied to the proposed use on or before used for frost control ^{before} April 1st of any year

Michael J. Carr
(Signature of applicant)

Remarks: I am applying for frost control on my peaches. I will lose the peaches if no frost control is allowed, when the temperature goes below 32°. I have ~~be~~ albertas and red havers peaches, but the albertas ~~with the~~ are more susceptible to frost damage when temperature goes below 32°. I use solid set irrigation in the form of using Rainbird 90's, having three to four sprinklers in each field. They are a high pressure (90 lbs at nozzles) ^{height 9ft above ground} high volume (150 gals per min) sprinklers. I run these three at a time for a period of 1/2 hour then alternating to other ^{field of} mature peaches. I have used this ^{method} in past years and have had crops when other growers in my area have had no crop or much smaller crop. When temperature rises above 33° I discontinue irrigation.

Water rights No. 25418 + 40028
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, 19.....

WITNESS my hand this day of, 19.....

STATE ENGINEER

By ASSISTANT

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 2.00 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 Palmer Creek

The use to which this water is to be applied is Frost protection.

If for irrigation, this appropriation shall be limited to of one cubic foot per second or its equivalent for each acre irrigated

The permittee shall record and submit annually to the Water Resources Department all pertinent data pertaining to use of water for frost protection

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 March 1, 1977

Actual construction work shall begin on or before June 30, 1978 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1979

Complete application of the water to the proposed use shall be made on or before October 1, 1980

WITNESS my hand this 30th day of June, 1977

James E. Nelson
Water Resources Director

Application No. 52571
Permit No. 41525

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 1st day of March 1977, at 2:11 o'clock P. M.

Returned to applicant:

Approved:

Recorded in book No. of Permits on page

STATE ENGINEER

Drainage Basin No. 2 page 90828
Fees 37.00