

***APPLICATION FOR PERMIT**

To Appropriate the Public Waters of the State of Oregon

I, M. C. and Pearl Helms
(Name of applicant)
of Rt. 1, Box 345, Jefferson
(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 stored water in Helms' Reservoir
(Name of stream)

, a tributary of South Santiam River

2. The amount of water which the applicant intends to apply to beneficial use is 91.0 cfs
M.C.H.
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 Irrigation
(Irrigation, power, mining, manufacturing, domestic supplies, etc.)

4. The point of diversion is located 83 3/4 ft. 40 ft. SE
N. 81 1/2° W. 37' chains
(N. or S.) (E. or W.)
corner of S. 17, T. 10 S., R. 2 W.
(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 SW 1/4 of SE 1/4 of Sec. 17, Tp. 10 S.
(Give smallest legal subdivision) (N. or S.)
R. 2 W., W. M., in the county of Linn
(E. or W.)

5. The main pipe line to be 1780 feet
(Main ditch, canal or pipe line) (Miles or feet)
in length, terminating in the SE 1/4 of SW 1/4 of Sec. 17, Tp. 10 S.
(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 22' feet, length on top 450 feet, length at bottom 190 feet; material to be used and character of construction packed earth
(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 2-inch centrifugal pump powered by 15 H. P. electric motor. Will use 40 five and one-half gallon sprinklers.
(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, 1780 ft.; size at intake, 5 in.; size at 1280 ft. from intake 4 in.; size at place of use 3 in.; difference in elevation between intake and place of use, 6 ft. Is grade uniform? Yes Estimated capacity, 0.6 sec. ft.

8. Location of area to be irrigated, or place of use S. 17, T. 10 S., R. 2 W.

Township North or South	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
10 S	2 W	17	NW¼ of SE¼	0.2
10 S	2 W	17	SW¼ of SE¼	5.2
10 S	2 W	17	NE¼ of SW¼	0.9
10 S	2 W	17	SE¼ of SW¼	23.7
			Total	30.0

(If more space required, attach separate sheet)

(a) Character of soil Amity silt loam and Chehalis silt loam

(b) Kind of crops raised Vegetables, Peppermint, Sugar beet seed, and forage

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, \$ 3,000.00

12. Construction work will begin on or before March 14, 1968

13. Construction work will be completed on or before October 1, 1969

14. The water will be completely applied to the proposed use on or before October 1, 1970

M. C. and Pearl Helms
(Signature of applicant)
M. C. Helms

Remarks: The acreages covered in this application are also covered by

Certificate No. GR-1000 and Registration No. GR-1035- Helms Well No. 12.

This acreage will be cancelled from the well certificate and registration
as Well No. 11 and 12 aren't strong enough to supply sufficient water
for the 85.4 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 correc-
tions 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 91.0 acre feet stored water only and shall not exceed ~~2280 feet per second~~ measured at the point of diversion from the stream, or its equivalent in case of rotation with other water users, from Helms Reservoir to be constructed under application No. R-43380, permit No. R-4875

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

If for irrigation, this appropriation shall be limited to ~~2280 cubic feet per second or its equivalent for each acre irrigated~~ a diversion of 2 1/2 acre feet 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 March 16, 1967

Actual construction work shall begin on or before June 5, 1968 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1969

Complete application of the water to the proposed use shall be made on or before October 1, 1970

WITNESS my hand this 5th day of June, 1967

Chris L. Wheeler

STATE ENGINEER

Application No. 43381
Permit No. 32048

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 16th day of March, 1967, at 9:57 o'clock A.M.

Returned to applicant:

Approved:

June 5, 1967

Recorded in book No. 32048 of Permits on page

CHRIS L. WHEELER
STATE ENGINEER

Drainage Basin No. 2 page 42
Fees \$20.00

PC