

RECEIVED

Permit No. 37477

MAY 20 1974

STATE ENGINEER
SALEM, OREGON

*APPLICATION FOR PERMIT

CERTIFICATE NO. 48421

To Appropriate the Public Waters of the State of Oregon

I, Lloyd Bangs (Name of applicant)
of RT 1 Box 138, Junction City,
(Mailing address) (City)
State of Oregon, 97448, do hereby make application for a permit to appropriate the
(Zip Code)

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 No

1. The source of the proposed appropriation is Furn Ridge Res.
(Name of stream)

....., a tributary of Furn Ridge Res.
Long Tom River

2. The amount of water which the applicant intends to apply to beneficial use is .43 cfs
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 90' ft. North and 1090' ft. West from the SE
(N. or S.) (E. or W.)
corner of Sec 5
(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 SE 1/4 SE 1/4 of Sec. 5, Tp. 17 South,
(Give smallest legal subdivision) (N. or S.)

R. 5 West, W. M., in the county of Lane
(E. or W.)

5. The Pipe line to be 2,715
(Main ditch, canal or pipe line) (Miles or feet)

in length, terminating in the Portable of Sec. 5 and 8, Tp. 17 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 35 hp Electric
(Size and type of pump)

motor and centrifical 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. 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, 2,715' ft.; size at intake, 4" in.; size at 10' to 30' ft. from intake 5" in.; size at place of use 3" in.; difference in elevation between intake and place of use, 10' ft. Is grade uniform? yes Estimated capacity, .43 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
<u>17 South</u>	<u>5 West</u>	<u>5</u>	<u>SW 1/4 SE 1/4</u>	<u>16.82</u>
<u>"</u>	<u>"</u>	<u>5</u>	<u>SE 1/4 SE 1/4</u>	<u>9.8</u>
<u>"</u>	<u>"</u>	<u>8</u>	<u>NW 1/4 NE 1/4</u>	<u>5.86</u>
<u>"</u>	<u>"</u>	<u>8</u>	<u>NE 1/4 NE 1/4</u>	<u>1.52</u>
				<u>34.00</u>

(If more space required, attach separate sheet)

(a) Character of soil Sandy loam

(b) Kind of crops raised Pasture and Alfalfa

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, \$ 7,000

12. Construction work will begin on or before Aug 1st 74'

13. Construction work will be completed on or before Aug 1st 75'

14. The water will be completely applied to the proposed use on or before Aug 1st 76'

Lloyd Bangs

(Signature of applicant)

Remarks:

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 correction and completion.

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before September 3, 1974, 19.....

WITNESS my hand this 2nd day of July, 1974.

CHRIS L. WHEELER

STATE ENGINEER

By Wayne J. Overcash

ASSISTANT

RECEIVED
SEP 13 1974
STATE ENGINEER
SALEM, OREGON

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 0.43 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 Fern Ridge Reservoir constructed under Permit No. R-1625.

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 from direct flow 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 from direct flow and storage from reservoir constructed under permit No. R-1625, and is subject to the terms and conditions of contract No. 14-06-100-8201 between the Bureau of Reclamation and the applicant, a copy of which is on file in the records of the State Engineer.

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 13, 1974.

Actual construction work shall begin on or before October 31, 1975 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1976.

Complete application of the water to the proposed use shall be made on or before October 1, 1977.

WITNESS my hand this 31st day of October, 1974.

Chris L. Wheeler
STATE ENGINEER

Application No. 51962
Permit No. 37477

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 20th day of May, 1974, at 8:00 o'clock A. M.

Returned to applicant:

Approved: October 31, 1974
Recorded in book No. 37477 of Permits on page

CHRIS L. WHEELER
STATE ENGINEER

Drainage Basin No. 2 page 11F
Fees \$5.00