

*APPLICATION FOR PERMIT

To appropriate the Public Waters of the State of Oregon

I, George K. Lowe, Harriet J. Lowe, and G. David Lowe
(Name of applicant)
of 390 11th Avenue, West, Eugene
(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 Amazon Diversion Channel
(Name of stream)
and Fern Ridge Reservoir, a tributary of Fern Ridge Reservoir

2. The amount of water which the applicant intends to apply to beneficial use is 0.60
cubic feet per second from the diversion point listed in Item 1
(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 1760 ft. S and 1260 ft. W from the Section
(N. or S.) (E. or W.)
corner of 13, 18, 19, & 24 of T. 17 S., R. 5 & 1, W.
(Section or subdivision)

(If preferable, give distance and bearing to section corner)

Fern Ridge Reservoir: SE 1/4, SE 1/4, Section 14, T. 17 S., R. 5 W., W.M.

(If there is more than one point of diversion, each must be described. Use separate sheet if necessary)

being within the SE 1/4, NE 1/4 of Sec. 24, Tp. 17S,
(Give smallest legal subdivision) (N. or S.)

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

5. The pipe line to be 1100 feet
(Main ditch, canal or pipe line) (Miles or feet)
in length, terminating in the NW 1/4, NE 1/4 of Sec. 19, Tp. 17S,
(Smallest legal subdivision) (N. or S.)

R. 1 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 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 The water is to be pumped through the
(Size and type of pump)
existing irrigation system to this area. A booster pump will be included if necessary.
(Size and type of engine or motor to be used, total head water is to be lifted, etc.)
The existing system does consist of one 25 hp electric driven pump and 3160 feet of 8-
inch pipe and 900 feet of 6-inch pipe. The area needs are 300 gpm at a total head of
170 feet.

*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—

32011

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, 1100 ft.; size at intake, 6 in.; size at 1300 ft. from intake 6 in.; size at place of use 6 in.; difference in elevation between intake and place of use, 15.0 ft. Is grade uniform? yes Estimated capacity, 0.60 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 |
|----------------------------|---|---------|------------------|------------------------------|
| 17S | 4 W | 19 | NW 1/4 NE 1/4 | 30.7 |
| 17S | 4 W | 19 | NE 1/4 NW 1/4 | 18.8 |
| | | | | 49.5 |
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(If more space required, attach separate sheet)

(a) Character of soil Silty Clay

(b) Kind of crops raised grass, grains, etc.

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

Municipal or Domestic Supply—

32011

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, \$... 5,000.00

12. Construction work will begin on or before December 1, 1966

13. Construction work will be completed on or before May 1, 1967

14. The water will be completely applied to the proposed use on or before August 1, 1967

Geo. R. Lowe
(Signature of applicant)

Remarks: Mr. Lowe proposes to extend the irrigation system proposed
..... under Application No. 11560 to this area.

..... The application is for water from the Amazon Diversion Channel. A
..... request has been made to the Bureau of Reclamation for supplemental water from
..... Fern Ridge Reservoir. This will meet the irrigation requirements when there is
..... not sufficient water from the Amazon Diversion Channel.

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 correc-
tions on or before January 17th, 19 67

WITNESS my hand this 17th day of November, 19 66

RECEIVED
NOV 20 1966

CHRIS L. WHEELER

STATE ENGINEER

STATE ENGINEER
OREGON

Tom W. ...
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 0.60 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 Amazon Diversion Channel and 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 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. 14-06-100-5784 dated January 26, 1967 with the Bureau of Reclamation

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 November 7, 1966

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. 42,830
Permit No. 32011

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 November, 1966, at 8:00 o'clock A. M.

Returned to applicant:

Approved:

June 5, 1967

Recorded in book No. 32011 of Permits on page

CHRIS L. WHEELER
STATE ENGINEER

Drainage Basin No. 2 page 14J
Fees \$18.00