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APPLICATION FOR PERMIT

To Appropriate the Public Waters of the State of Oregon

 I, Armond J. Arnolhus

(Name of applicant)

 of Alsea, Oregon

(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 Grande Ronde River and Arnolhus Loop Reservoir
 (Name of stream)
 a tributary of Snake River

 2. The amount of water which the applicant intends to apply to beneficial use is 5.2
 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 ft. and ft. from the
 corner of
 (Section or subdivision)

See attached sheet, under Remarks

(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 S $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 28 N $\frac{1}{2}$ Sec. 33 of Sec. 28 & 33, Tp. 1 S
 (Give smallest legal subdivision) (N. or S.)
 R. 39 E, W. M., in the county of Union
 (E. or W.)

 5. The to be
 (Main ditch, canal or pipe line) (Ditch or feet)
 in length, terminating in the of Sec. , Tp.
 (Smallest legal subdivision) (N. or S.)
 R. , 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
 (Size and type of pump)

 Specifications on pump not determined as yet.
 (Size and type of engine or motor to be used, total head water is to be lifted, etc.)

Approximately 3,400' 5" Lateral and 800' 6" Main Line (Portable Pipe)

*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 obtained, 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, ft.; size at intake, in.; size at ft. from intake in.; size at place of use in.; difference in elevation between intake and place of use, ft. Is grade uniform? 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 |
|----------------------------|---|---------|-----------------------------------|------------------------------|
| 1 S. | 39 | 28 | SW $\frac{1}{4}$ SW $\frac{1}{4}$ | 1.1 |
| " | " | 28 | SE $\frac{1}{4}$ SW $\frac{1}{4}$ | 1.5 |
| 1 S. | 39 | 33 | NW $\frac{1}{4}$ NE $\frac{1}{4}$ | 29.6 |
| " | " | " | NE $\frac{1}{4}$ NW $\frac{1}{4}$ | 36.5 |
| " | " | " | SW $\frac{1}{4}$ NW $\frac{1}{4}$ | 29.8 |
| " | " | " | SE $\frac{1}{4}$ NW $\frac{1}{4}$ | 37.6 |
| 1 S. | 39 | 33 | NW $\frac{1}{4}$ NE $\frac{1}{4}$ | 34.3 |
| " | " | " | SW $\frac{1}{4}$ NE $\frac{1}{4}$ | 32.5 |
| " | " | " | SE $\frac{1}{4}$ NE $\frac{1}{4}$ | 4.5 |
| | | | | 207.4 ✓ |
| | | | | |
| | | | | |

(If more space required, attach separate sheet)

(a) Character of soil Bottom land is deep silty clay loam to silt loam. Upland soils are deep loam to clay loam.

(b) Kind of crops raised Wheat, Barley, Hay and Pasture

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 _____

(Name of)

County, having a present population 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, \$10,000.00 _____

12. Construction work will begin on or before October 15, 1962 _____

13. Construction work will be completed on or before May 1, 1963 _____

14. The water will be completely applied to the proposed use on or before October 1, 1963 _____

Armond J. Hurd
(Signature of applicant)

Remarks: Attached Legal Description and Point of Diversion

Also enclosed is check in the amount of \$30.90 -

Exam. Fee \$10.00

207.4 Ac. 20.90

\$30.90

4. Point of Diversion - _____

All along the West side of the Grande Ronde River between the bearing
of #1 $42^{\circ} 30'$ W. located in the SW $\frac{1}{4}$ SW $\frac{1}{4}$, Section 23, T 1 S., Range

39 E.W.M. and bearing #2 $23^{\circ} 0'$ W. located in the SE $\frac{1}{4}$ NE $\frac{1}{4}$, Section 33,
T 1 S., Range 39 E.W.M. including both sides of the old river loop

located in the NW quarter and the West half of the NE quarter of Section
33, T. 1 S., Range 39 E.W.M.

Also, all along the East side of the Grande Ronde River between the
bearing of #3 $24^{\circ} 30'$ W. located in the NW $\frac{1}{4}$ NE $\frac{1}{4}$, Section 3, T 1 S.,

Range 39 E.W.M. and bearing #4 $22^{\circ} 20'$ W. located in the SW $\frac{1}{4}$ NE $\frac{1}{4}$,
Section 33, T 1 S., Range 39 E.W.M.

All in the County of Union, State of Oregon.

All bearings and distances taken from the Section Corner common to
Sections 33 and 34, T 1 S., Range 39 E.W.M.
4 and 3

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
correction

In order to retain its priority, this application must be returned to the State Engineer, with correc-
tions on or before January 8, 1962
August 19, 63

WITNESS my hand this 8 day of November, 1962
15 July 63

RECEIVED
DEC 21 1962
STATE ENGINEER
By *Walter H. Hargis*
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 5.18 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 Grande Ronde River and Arnoldus Loop Reservoir to be constructed under application No. R-38317, permit No. R- 3412.

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

If for irrigation, this appropriation shall be limited to 1/40th 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 3 acre feet per acre for each acre irrigated during the irrigation season of each year from direct flow and storage from reservoir to be constructed under permit No. R- 3412 ; provided further that the right to use of direct flow is limited to the period when the flow of the Lower Grande Ronde River is more than 300 c.f.s. at USGS Gage No. 3325 and more than 420 c.f.s. at Ore-Wash border,

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 October 12, 1962

Actual construction work shall begin on or before September 20, 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 20th day of September, 19 63.

Chris L. Whicker

STATE ENGINEER

Application No. 38175

Permit No. 28920

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 12th day of October, 1962, at 1:00 o'clock P. M.

Returned to applicant:

Approved:

September 20, 1963

Recorded in book No. 80 of

Permits on page 28920

CHRIS L. WHICKER

STATE ENGINEER

Drainage Basin No. 8 page 12 A

Fees 30.00