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 STATE ENGINEER
 SALEM, OREGON

***APPLICATION FOR PERMIT**

To appropriate the Public Waters of the State of Oregon

I, F. S. Mack (Name of applicant)
 of 2537 2nd St. BIRMGHAM (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 Powder River (Name of stream)
 a tributary of Snake River

2. The amount of water which the applicant intends to apply to beneficial use is 0.8
 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 20 ft. N. and 840 ft. E. from the W. 1/4
 corner of Section 33 T8S R40E W. 1
(N. or S.) (E. or 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 S. 1/4 NW 1/4 of Sec. 33, Tp. 8 S.
(Give smallest legal subdivision) (N. or S.)
 R. 40 E., W. M., in the county of Baker
(N. or W.)

5. The _____ to be _____
(Main ditch, canal or pipe line) (Miles 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.
(N. 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., waterway over or around dam)

(b) Description of headgate Existing concrete
(Timber, concrete, etc., number and size of openings)

(c) If water is to be pumped give general description _____
(Size and type of 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.

**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, 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

Table with 5 columns: Township North or South, Range E. or W. of Willamette Meridian, Section, Forty-acre Tract, Number Acres To Be Irrigated. Handwritten entries include 85, 40 E, 15, NW 1/4 SW 1/4, 16.0 and 85, 40 E, 15, SW 1/4 SW 1/4, 16.0.

(If more space required, attach separate sheet)

(a) Character of soil Lean

(b) Kind of crops raised Hay & 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 _____

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 _____

11. Estimated cost of proposed works \$ 950⁰⁰

12. Construction work will begin on or before _____

13. Construction work will be completed on or before Completed 11-15-63

14. The water will be completely applied to the proposed use on or before May 1964

F. S. Mack
(Signature of applicant)

Remarks: The capacity of the Hedden branch ditch is more than enough to carry the additional 32" of water.

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

ASSISTANT

PERMIT

STATE OF OREGON,
County of Marion, } as

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 Powder River

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

If for irrigation, this appropriation shall be limited to 1/400 of one cubic foot per second or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed 3/2 acre feet per acre 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 January 24, 1964

Actual construction work shall begin on or before June 19, 1965 and shall

thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1966.

Complete application of the water to the proposed use shall be made on or before October 1, 1967.

WITNESS my hand this 19th day of June, 1964

Chris M. Wheeler
STATE ENGINEER

Application No. 39428
Permit No. 21510

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 24th day of January, 1964, at 1:00 o'clock P. M.

Returned to applicant:

Approved:

June 19, 1964

Recorded in book No. 82 of

Permits on page 21512

CHRIS M. WHEELER
STATE ENGINEER

Drainage Basin No. 9 page 26A

Fees