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Permit No. 29870

STATE ENGINEER
SALEM, OREGON

APPLICATION FOR PERMIT

To Appropriate the Public Waters of the State of Oregon

I, Harold E. Williams
(Name of applicant)
of Route 1, Box 181, Bonanza
(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 unnamed stream channel & reservoir
(Name of stream)
a tributary of Last River

2. The amount of water which the applicant intends to apply to beneficial use is 1.36
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 ^{dam} is located 1325 ft. N and 60 ft. W from the
(N. or S.) (E. or W.)
~~corner~~ of center of Sec. 17
(Section or subdivision)

Pump Station - 1135' N, 3°30' E. of Center Sec. 17

End of pipe - 555' S, 35°50' E. of Center Sec. 17

(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 NE1/4NW1/4 of Sec. 17, Tp. 39 S.
(Give smallest legal subdivision) (N. or S.)

R. 12 E., W. M., in the county of Klamath
(E. or W.)

5. The Main ditch to be 5940'
(Main ditch, canal or pipe line) (Miles or feet)
in length, terminating in the SW1/4SW1/4 of Sec. 16, Tp. 39 S.
(Smallest legal subdivision) (N. or S.)

R. 12 E., 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 8 feet, length on top 300 feet, length at bottom
330 feet; material to be used and character of construction Loose rock and
(Loose rock, concrete, masonry,
dirt - spillway around dam
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)

30 H. P. Electric 10" bowl Turbine 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) 4 feet; width on bottom 2 feet; depth of water 2' feet; grade2 feet fall per one thousand feet.

(b) At 5940' miles from headgate: width on top (at water line) 3 feet; width on bottom 1 1/2 feet; depth of water 1 feet; grade2 feet fall per one thousand feet.

(c) Length of pipe, 1580 ft.; size at intake, 10 in.; size at 1580 ft. from intake 10 in.; size at place of use 10 in.; difference in elevation between intake and place of use, 90 ft. Is grade uniform? no Estimated capacity, 1.36 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
39 S.	12 E.	16	NW/4SW/4	0.7
		"	SW/4SW/4	20.9
		"	SE/4SW/4	4.2
39 S.	12 E.	17	SW/4NE/4	4.4
		"	NE/4SE/4	0.8
		"	SE/4SE/4	20.3
		"	NW/4SE/4 Desert Entry	30.3
		"	SW/4SE/4 Desert Entry	27.4
Total				109

(If more space required, attach separate sheet)

(a) Character of soil Sandy loam

(b) Kind of crops raised Irrigated 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, \$ 5,000.00 _____

12. Construction work will begin on or before 1 yr. from date of permit _____

13. Construction work will be completed on or before July 1, 1966 _____

14. The water will be completely applied to the proposed use on or before July 1, 1966 _____

Harold C. Williams
(Signature of applicant)

Remarks: The reservoir will have a capacity of 8.75 acre feet and is being constructed to facilitate pumping. The supply will come from the drainage water from irrigation project now under construction (Application No. G-1996, Permit No. G-1834). At present there has been water applied to 204 acres, and by July 1, 1964 another 106 acres will have come under irrigation on this project.

The water is to be pumped 90' in elevation and then dispersed in contour ditches. There will be approximately 5940' of main ditch and 8800' of secondary ditches.

When this project is completed there will be drain water for reuse from an additional 115 acres.

The water will be collected from the channel of an unnamed intermittent stream.

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

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 and shall not exceed 1.36 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 an unnamed stream and reservoir to be constructed under Application No. R-40080, Permit No. R-4359.

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 to be constructed under Permit No. R-4359.

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 July 15, 1964

Actual construction work shall begin on or before November 30, 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 30th day of November, 1964

Chris L. Wheeler
STATE ENGINEER

Application No. 40081
Permit No. 29870

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 15th day of July 1964, at 1:00 o'clock P. M.

Returned to applicant:

Approved:

November 30, 1964

Recorded in book No. 29870 of Permits on page

CHRIS L. WHEELER
STATE ENGINEER

Drainage Basin No. 14 page 16H

Fees