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Permit No. 35497

STATE ENGINEER
SALEM OREGON

*APPLICATION FOR PERMIT

CERTIFICATE NO. 48787

To appropriate the Public Waters of the State of Oregon

I, Gale Merwin (Name of applicant)
of Paulina (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 Watson Cr. & Watson Reservoir (Name of stream), a tributary of Crooked River

2. The amount of water which the applicant intends to apply to beneficial use is 10 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 353.1 ft. S and 57.3 ft. W from the NE corner of Section 29, T16S, R22E W.M. (N. or S.) (E. or W.) (Section of 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 NE & NE 4 of Sec. 29, Tp. 16S, R. 22E, W. M., in the county of Crook (Give smallest legal subdivision) (N. or S.) (E. or W.)

5. The Drain Watson Creek to be approx 1 mi. in length, terminating in the NE & SW 4 of Sec. 32, Tp. 16S, R. 22E, W. M., the proposed location being shown throughout on the accompanying map. (Main ditch, canal or pipe line) (Miles or feet) (Smallest legal subdivision) (N. or S.) (E. or W.)

DESCRIPTION OF WORKS

Diversion Works—

6. (a) Height of dam 32 feet, length on top 890 feet, length at bottom 30 feet; material to be used and character of construction Gravelly Clay material in fill, Open Spillway in rock around West end of dam (Loose rock, concrete, masonry, rock and brush, timber crib, etc., wasteway over or around dam)

(b) Description of headgate Armedo 50-100 Cast Iron Gate (Timber, concrete, etc., number and size of openings)

(c) If water is to be pumped give general description Gravity at present (Size and type of pump)
present Time (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—

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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) Water on G. Canal 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
<i>See attached sheet</i>				

(If more space required, attach separate sheet)

(a) Character of soil Sandy soil with clay
 (b) Kind of crops raised Hay grains

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

Township	Range E.	Section	Foot Acres Tract	Acres		
				Supp.	Prime.	
5	of W.M.					
16	22	29	SW ⁴ NE ⁴	22.4	22.4	Water Right Map Dated Nov. 1970
"	"	"	SE ⁴ NW ⁴	1.2	1.2	
"	"	"	NE ⁴ SW ⁴	13.6	13.6	
"	"	"	SE ⁴ SW ⁴	22.4	22.4	
"	"	"	NW ⁴ SE ⁴	23.6	23.6	
"	"	"	SW ⁴ SE ⁴	10.0	10.0	
				93.2	93.2 _{ok}	
				14	1-7-71	
16	22	31	SE ⁴ SW ⁴	6.34		Water Right MAP Dated Sept 19, 1960 App. No. 57918
"	"	"	SW ⁴ SE ⁴	14.81		
"	"	"	SE ⁴ SE ⁴	31.74		
"	"	32	NE ⁴ SW ⁴	1.21		
"	"	"	SW ⁴ SW ⁴	22.44		
"	"	"	SE ⁴ SW ⁴	12.80		
17	21	1	SW ⁴ NE ⁴	1.78		
"	"	"	SE ⁴ NE ⁴	4.94		
"	"	"	NE ⁴ SE ⁴	31.85		
"	"	"	NW ⁴ SE ⁴	2.07		
"	"	"	SE ⁴ SE ⁴	0.97		
17	22	5	NE ⁴ NW ⁴	1.21		
"	"	"	NW ⁴ NW ⁴	34.55		
"	"	"	SW ⁴ NW ⁴	31.74		
"	"	"	SE ⁴ NW ⁴	5.85		
"	"	"	NE ⁴ SW ⁴	34.15		
"	"	"	NW ⁴ SW ⁴	6.83		
"	"	"	SE ⁴ SW ⁴	28.75		
"	"	"	NW ⁴ SE ⁴	7.29		
"	"	"	SW ⁴ SE ⁴	13.09		
"	"	6	NE ⁴ NE ⁴	38.85		

Carle Merwin 1970

Township	Range E.	Section	Forty-Acre Tract	Acre		
				Supp	Prime	
5	of W.M.					
17	22	6	NW ⁴ NE ⁴	37.89		App'l No. 57918
			SW ⁴ NE ⁴	34.78		
			SE ⁴ NE ⁴	34.03		
			NE ⁴ NW ⁴	23.65		
			NW ⁴ NW ⁴	3.50		
			SW ⁴ NW ⁴	29.22		
			SE ⁴ NW ⁴	38.91		
			NE ⁴ SW ⁴	8.44		
			NW ⁴ SW ⁴	29.27		
			NE ⁴ SE ⁴	0.06		
			NW ⁴ SE ⁴	0.69		
				573.90 ^{ok}		
17	21	1	NE ⁴ SE ⁴	0.19		W/P map dated Mar 1968 App'l. 44671
			NW ⁴ SE ⁴	3.40		
			SW ⁴ SE ⁴	25.37		
			SE ⁴ SE ⁴	25.04		
				54.00		
			Total	723.10 ^{ok}		

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, \$ 29,000.00

12. Construction work will begin on or before Nov. 18, 1970

13. Construction work will be completed on or before Jan 1, 1973

14. The water will be completely applied to the proposed use on or before Sept, 1973

Gale Merson
(Signature of Applicant)

Remarks: The drawings for which reproducible prints are not included are on file in the State Engineers office. The Land or Water Right drawing of March 1968 will be supplied by exchanging water from the river for water emptied into the river from the Reservoir

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 10.0 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 Watson Creek and Watson Reservoir to be constructed under application No. R-47741, permit No. R-5707

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

If for irrigation, this appropriation shall be limited to 1/40 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 4 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-5707, provided further that the right allowed herein shall be limited to any deficiency in the available supply of any prior right existing for the same land and shall not exceed the limitation allowed herein, and shall be subject to the installation of a means of measuring the quantity of water released into Crooked River and the quantity rediverted from the river.

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 27, 1970

Actual construction work shall begin on or before November 23, 1972 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1973.

Complete application of the water to the proposed use shall be made on or before October 1, 1974.

WITNESS my hand this 23rd day of November, 1971

Chris L. Wheeler

STATE ENGINEER

Application No. 47742
Permit No. 35497

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 27th day of November
1970, at 8 o'clock A. M.

Returned to applicant:

Approved:

November 23, 1971

Recorded in book No. of
Permits on page 35497

CHRIS L. WHEELER
STATE ENGINEER

Drainage Basin No. 5 page 146

Fees 6120 sheets 58