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7890 Permit No. 31064

STATE ENGINEER APPLICATION FOR PERMIT  
SALEM OREGON

CERTIFICATE NO. 38599

# To Appropriate the Public Waters of the State of Oregon

I, U. S. Department of the Interior, Bonneville Power Administration,  
(Name of applicant)  
of P. O. Box 3621, Portland, Oregon, 97208  
(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 Columbia River  
(Name of stream)  
a tributary of

2. The amount of water which the applicant intends to apply to beneficial use is 2.0  
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 cooling tower makeup and domestic & irrigation  
(Irrigation, power, mining, manufacturing, domestic supplies, etc.)  
Cooling water makeup 120 GPM; Domestic 150 GPM; Irrigation 430 GPM; Sprinkling 510 GPM,  
estimated max. use 10 acre feet per year

4. The point of diversion is located 2,300 ft. N and 200 ft. E from the SW  
(N. or S.) (E. or W.)  
corner of Section 31, T2N, R14E, WM, near The Dalles, Oregon, and opposite The Dalles  
(Section or subdivision)  
Dam.

(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 lot A (NW 1/4 SW 1/4) of Sec. 31, Tp. 2 N,  
(Give smallest legal subdivision) (N. or S.)  
R. 14 E., W. M., in the county of Wasco  
(E. or W.)

5. The pipe line to be 7,000 feet  
(Main ditch, canal or pipe line) (Miles or feet)  
in length, terminating in the NW 1/4, SE 1/4 of Sec. 6, Tp. 2N,  
(Smallest legal subdivision) (N. or S.)  
R. 14E, 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 concrete  
(Timber, concrete, etc., number and size of openings)

(c) If water is to be pumped give general description 2 each, 750 gpm  
(Size and type of pump)  
250 HP electric, 1000' head  
(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, ..... 7,000 ..... ft.; size at intake, ..... 8 ..... in.; size at ..... ft. from intake ..... in.; size at place of use ..... 8 ..... in.; difference in elevation between intake and place of use, ..... 650 ..... ft. Is grade uniform? ..... No ..... Estimated capacity, ..... 2 ..... sec. ft.

8. Location of area to be irrigated, or place of use ..... Wasco County, Oregon

Township North or South	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
2N	14E	31	SW $\frac{1}{4}$ SW $\frac{1}{4}$	0.5 acre
2N	14E	31	SE $\frac{1}{4}$ SW $\frac{1}{4}$	3
2N	14E	31	SW $\frac{1}{4}$ SE $\frac{1}{4}$	1.2
2N	14E	31	SE $\frac{1}{4}$ SE $\frac{1}{4}$ /4 of SE/4	0.5
1N	14E	6	NE $\frac{1}{4}$ NW $\frac{1}{4}$	1.0
1N	14E	6	NW $\frac{1}{4}$ NE $\frac{1}{4}$	0.3
1N	14E	6	NE $\frac{1}{4}$ NE $\frac{1}{4}$	2
1N	14E	6	NE $\frac{1}{4}$ SW $\frac{1}{4}$	1
1N	14E	6	SE $\frac{1}{4}$ SW $\frac{1}{4}$	1
1N	14E	6	NW $\frac{1}{4}$ SE $\frac{1}{4}$	3
1N	14E	6	SW $\frac{1}{4}$ SE $\frac{1}{4}$	3
1N	14E	7	NE $\frac{1}{4}$ NW $\frac{1}{4}$	2.5

(If more space required, attach separate sheet) (See attached separate sheet)

(a) Character of soil ..... clay loam

(b) Kind of crops raised ..... see remarks

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 .....

(Separate Sheet)

## 8. Location of area to be irrigated, or place of use Wasco County, Oregon

Township N or S	Range E. or W. of WM	Section	Forty-acre Tract	No. Acres To be irrigated
1N	14E	7	NW1/4NW1/4	2.5
1N	14E	66	NE1/4SE1/4	0.1
				<u>21.6</u>

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 Sanitary plumbing, 10 to 500 people.

(Answer questions 11, 12, 13, and 14 in all cases)

11. Estimated cost of proposed works, \$ 125,000

12. Construction work will begin on or before 2-15-66

13. Construction work will be completed on or before 1-1-67

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

1-1-69

E. E. Grant, Principal Title Officer, Branch of Land, Bonneville Power Admin.

Remarks: Re 10(b). The use contemplated is not for residential purposes. It will be for sanitary plumbing for approximately ten employees and the visiting public, which is expected to run as high as 500 people per day. No homes will be served.

8 (b) Irrigation consists of lawn areas and landscaping areas in substation shown on the map (Big Eddy, 500 kv AC and Celilo DC Terminal facilities). Landscaping and lawn or cover crop along access roads and approach to substations are anticipated. Water is used as needed for erosion control of cut and fill slopes. 3 System also will provide fire protection for existing and new facilities.

STATE OF OREGON, } ss. County of Marion,

This is to certify that I have examined the foregoing application, together with the accompanying maps and data, and return the same for completion and correction

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before March 1, 1966

WITNESS my hand this 23rd day of February, 1966

RECEIVED RECEIVED

CHRIS L. WHEELER

STATE ENGINEER

STATE ENGINEER STATE ENGINEER SALEM OREGON SALEM OREGON

ASSISTANT

RECEIVED MAR 10 1966 STATE ENGINEER SALEM OREGON

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 1.0 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 Columbia River being 0.27 c.f.s. for cooling, 0.54 c.f.s. for irrigation and 0.19 c.f.s. for domestic

The use to which this water is to be applied is cooling tower, makeup irrigation and domestic for Big Eddy and Celilo D.C. Terminal

If for irrigation, this appropriation shall be limited to 1/40th 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 4 1/2 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 November 16, 1965

Actual construction work shall begin on or before May 19, 1967 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1968

Complete application of the water to the proposed use shall be made on or before October 1, 1969

Extended to Oct. 1, 1970

WITNESS my hand this 19th day of May, 1966

*Chris L. Wheeler*

STATE ENGINEER

Application No. 41615  
Permit No. 51004

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 16th day of November, 1965, at 8:00 o'clock A.M.

Returned to applicant:

Approved:

May 19, 1966

Recorded in book No. 51004 of Permits on page

CHRIS L. WHEELER  
STATE ENGINEER

Drainage Basin No. A page 6F

Fees \$25