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STATE ENGINEER  
SALEM, OREGON

\*APPLICATION FOR PERMIT

To appropriate the Public Waters of the State of Oregon

I, Gary L. and Mildred N. Knuths  
(Name of applicant)

of Halsey-  
(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 Calapooia River  
(Name of stream)

, a tributary of Willamette River

2. The amount of water which the applicant intends to apply to beneficial use is 2.7

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 N. 21° 10' W. 37 chains  
ft. and ft. from the corner of  
(N. or S.) (E. or W.)  
Section 27, T. 13 S., R. 3 E.  
(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 NE 1/4 of SE 1/4 of Sec. 27, Tp. 13 S., R. 3 E.

(Give smallest legal subdivision) (N. or S.)  
R. 3 W., W. M., in the county of Linn  
(E. or W.)

5. The main ditch to be 3100 feet  
(Main ditch, canal or pipe line) (Miles or feet)

in length, terminating in the NE 1/4 of NE 1/4 of Sec. 24, Tp. 13 S., R. 3 W.

(Smallest legal subdivision) (N. or S.)  
R. 3 W., 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 Propeller type pump with 8" impeller and 12" discharge powered by 7 1/2 h.p. electric motor. Mine feet vertical lift with discharge into open ditch. Will plan to use 140 six-gallon sprinklers.  
(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) 8 feet; width on bottom 1 feet; depth of water 3 to 4 feet; grade 1 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 10 ft.; size at intake, 12 in.; size at 10 ft. from intake 12 in.; size at place of use 12 in.; difference in elevation between intake and place of use 9 ft. Is grade uniform? YES Estimated capacity          sec. ft.

8. Location of area to be irrigated, or place of use (See below)

Township North or South	Range E. or W. of Williamsite Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
13 S	3 W	27	NE <sup>1</sup> / <sub>4</sub> of SE <sup>1</sup> / <sub>4</sub>	10.7
13 S	3 W	27	NW <sup>1</sup> / <sub>4</sub> of NE <sup>1</sup> / <sub>4</sub>	10.7
13 S	3 W	27	SW <sup>1</sup> / <sub>4</sub> of NE <sup>1</sup> / <sub>4</sub>	10.7
13 S	3 W	27	SE <sup>1</sup> / <sub>4</sub> of NE <sup>1</sup> / <sub>4</sub>	10.7
13 S	3 W	26	SW <sup>1</sup> / <sub>4</sub> of SW <sup>1</sup> / <sub>4</sub>	10.7
13 S	3 W	34	SE <sup>1</sup> / <sub>4</sub> of SE <sup>1</sup> / <sub>4</sub>	10.7
13 S	3 W	34	NE <sup>1</sup> / <sub>4</sub> of SE <sup>1</sup> / <sub>4</sub>	10.7
13 S	3 W	35	SW <sup>1</sup> / <sub>4</sub> of SE <sup>1</sup> / <sub>4</sub>	10.7
13 S	3 W	34	SW <sup>1</sup> / <sub>4</sub> of NE <sup>1</sup> / <sub>4</sub>	10.7
13 S	3 W	35	SE <sup>1</sup> / <sub>4</sub> of NE <sup>1</sup> / <sub>4</sub>	10.7
			Total	107.0

(If more space required, attach separate sheet)

(a) Character of soil Warato and Anity

(b) Kind of crops raised Forage

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, \$ 24,000 \_\_\_\_\_

12. Construction work will begin on or before June 29, 1963 \_\_\_\_\_

13. Construction work will be completed on or before October 1, 1965 \_\_\_\_\_

14. The water will be completely applied to the proposed use on or before October 1, 1966 \_\_\_\_\_

*[Handwritten signature]*  
*[Handwritten signature]*

Remarks: \_\_\_\_\_

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,

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 2.70 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 Calapooya River

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 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.

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 1, 1963

Actual construction work shall begin on or before August 9, 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 9th day of August, 1963

Chris L. Wheeler

STATE ENGINEER

Application No. 38867

Permit No. 28904

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 1st day of July, 1963, at 1:00 o'clock P. M.

Returned to applicant:

Approved:

August 9, 1963

Recorded in book No. 80 of

Permits on page 28904

CHRIS L. WHEELER STATE ENGINEER

Drainage Basin No. 2 page 30

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