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AUG 2 1971

**STATE ENGINEER**  
SALEM, OREGON

Permit No. **36405**

**\*APPLICATION FOR PERMIT**

CERTIFICATE NO. 44512

# To appropriate the Public Waters of the State of Oregon

I, Gerald R. and Lorraine E. Heckert  
(Name of applicant)

of Route 2 Box 575, Elmira,  
(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 Long Tom River  
(Name of stream)

, a tributary of Willamette River

2. The amount of water which the applicant intends to apply to beneficial use is 0.99

cubic feet per second, being 0.54 CFS from Div. # 1, and 0.45 CFS from Div. # 2  
(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 #1-1250 #1-1360  
#2-500 ft. S. and #2-2000ft. W. from the N. E. Section  
(N. or S.) (E. or W.)

corner of Section 8, T. 17 S., R. 6 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 NW 1/4 / NE 1/4 & NE 1/4 / NE 1/4 of Sec. 8, Tp. 17S.  
(Give smallest legal subdivision) (N. or S.)

R. 6W., W. M., in the county of Lane  
(E. or W.)

5. The Pipe Line to be 2,000 feet  
(Main ditch, canal or pipe line) (Miles or feet)

in length, terminating in the NW 1/4 / NE 1/4 of Sec. 8, Tp. 17S.  
(Smallest legal subdivision) (N. or S.)

R. 6W., 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 Div. # 1 - 20 HP elect. motor with  
(Size and type of pump)

4 X 3" centrifugal pump. Div. # 2 - 15 HP elect. motor with 4 X 3" 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—

36405

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, ..... 2,000 ..... ft.; size at intake, ..... 5 ..... in.; size at ..... 15 ..... ft. from intake ..... 5 ..... in.; size at place of use ..... 3 ..... in.; difference in elevation between intake and place of use, ..... 10 ..... ft. Is grade uniform? ..... Yes ..... Estimated capacity, ..... 0.99 ..... 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
17S.	6W.	8	NW $\frac{1}{4}$ /NE $\frac{1}{4}$	21.9 <del>22.0</del>
17S.	6W.	8	NE $\frac{1}{4}$ /NE $\frac{1}{4}$	3.2 <del>4.0</del>
				2.4

(If more space required, attach separate sheet)

(a) Character of soil ..... Chehalis Loam .....

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

(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, \$.....

12. Construction work will begin on or before ..... already started.....

13. Construction work will be completed on or before ..... 1 August, 1974.....

14. The water will be completely applied to the proposed use on or before ..... 1 August 1974.....

*Gerard R. Herbert*  
(Signature of applicant)  
*Louise E. Herbert*

Remarks: 26 ACRES IN NW 1/4 NE 1/4 & NE 1/4 NE 1/4

SECTION 8 TOWNSHIP 17 SOUTH RANGE 6 WEST  
W.M. BEGINNING AT THE IRON PIN MARKING  
THE 1/4 SECTION CORNER BETWEEN SECTIONS 5 AND 8,  
SOUTH 89°38'1/2" E APPROXIMATELY 1800 FEET TO  
RIGHT OF WAY COUNTY ROAD NUMBER 1086 (SHEFFLER  
ROAD) THENCE SOUTH WEST ALONG NORTH BOUNDARY  
OF SAID ROAD RIGHT OF WAY TO CENTER OF  
NORTHERLY EXTENSION OF COUNTY ROAD NUMBER 1081 (KNIGHT  
ROAD) THENCE NORTH ALONG NORTHERLY EXTENSION  
OF COUNTY ROAD NO 1081 TO POINT OF BEGINNING.

(<sup>31.9</sup> ~~26~~ ACRES IN NW 1/4 NE 1/4 & <sup>3.2</sup> ~~2~~ ACRES IN NE 1/4 NE 1/4  
SECTION 8 TOWNSHIP 17 S RANGE 6 WEST OF W.M.)  
(LESS 0.1 ACRE NW 1/4 OF NE 1/4 SECTION 8 AND  
0.8 ACRE NE 1/4 OF NE 1/4 SECTION 8 INCLUDED IN  
STATE OF OREGON, } ss. CERTIFICATE # 24213 DATED JULY 31, 1958)  
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 ..... correction and completion .....

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before ~~November 1~~ November 15, 19 ~~71~~ 71

WITNESS my hand this ~~31st~~ 16<sup>th</sup> day of ~~August~~ September, 19 ~~71~~ 71

RECEIVED  
SEP 28 1971  
STATE ENGINEER  
SALEM, OREGON

RECEIVED  
SEP 7 1971  
STATE ENGINEER  
SALEM OREGON

CHRIS L. WHEELER  
STATE ENGINEER  
By *Thomas E. Shook*  
Thomas E. Shook  
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 0.31 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 Long Tom River

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

If for irrigation, this appropriation shall be limited to 1/80 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 August 2, 1971

Actual construction work shall begin on or before February 20, 1974 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1974.

Complete application of the water to the proposed use shall be made on or before October 1, 1975.

WITNESS my hand this 20th day of February, 1973

[Signature]

STATE ENGINEER

Application No. 48521  
Permit No. 36405

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 2nd day of August, 1971, at 8:00 o'clock A.M.

Returned to applicant:

Approved:

February 20, 1973

Recorded in book No. 36405 of Permits on page

CHRIS L. WHEELER  
STATE ENGINEER

Drainage Basin No. 2 page 115

Fees