

APPLICATION FOR PERMIT

To appropriate the Public Waters of the State of Oregon

I, W. A. Hessel, of 1925 East Powell Blvd., Gresham, 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 storage in Hessel Reservoir, a tributary of Johnson Creek

2. The amount of water which the applicant intends to apply to beneficial use is 6.0 a.f.

3. The use to which the water is to be applied is supplemental irrigation

4. The point of diversion is located 250 ft. S. and 1450 ft. E. from the NW corner of Section 28, T.1 S., R.1 E., W.M.

being within the NE 1/4 NW 1/4 of Sec. 28, Tp. 1 S., R. 4 E., W. M., in the county of Clackamas

5. The in length, terminating in the R. W. M., the proposed location being shown throughout on the accompanying map.

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

(b) Description of headgate

(c) If water is to be pumped give general description 150 G.P.M. Fearless centrifugal 25 H.P. electric

\*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.

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, ..... 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 Willimette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
1 S.	4 E.	21	SE $\frac{1}{4}$ SW $\frac{1}{4}$	10

(If more space required, attach separate sheet)

(a) Character of soil .....  
 (b) Kind of crops raised .....

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 .....

Municipal or Domestic Supply—

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 one year from date of permit.....
- 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.....

*W. A. Hessel*  
(Signature of applicant)

Remarks:

The tile line described in my ~~ground water~~ application flows quite heavily in the spring and winter but gets down to three or four gallons of water per minute in the summer months. The storage water is necessary for summer irrigation.

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 6.0 acre feet stored water only ~~measured at the point of diversion from the stream, or its equivalent in case of rotation with other water users, from Hessel Reservoir to be constructed under Appl. No. R-40053, Permit No. R-3977.~~

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

If for irrigation, this appropriation shall be limited to ~~XXXXXX~~ ~~XXXXXX~~ 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 8, 1964

Actual construction work shall begin on or before July 31, 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 31st day of July, 1964

*Chris L. Wheeler*  
STATE ENGINEER

Application No. 40054  
Permit No. 29681

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 31st day of July, 1964, at 4:46 o'clock P. M.

Returned to applicant:

Approved: July 31, 1964

Recorded in book No. 29681 of Permits on page

CHRIS L. WHEELER  
STATE ENGINEER

Drainage Basin No. 2 page 76A30

Fees