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JUN 3 1976

Permit No. 40684

## \*APPLICATION FOR PERMIT

DEPT.

ASSIGNED. See Misc. Rec., Vol. 7

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## To Appropriate the Public Waters of the State of Oregon

I, Marvin John DeRaeve & Patricia Ann DeRaeve  
 (Name of applicant)  
 of Route 1, Box 303, Amity,  
 (Mailing address) (City)  
 State of Oregon, 97101, do hereby make application for a permit to appropriate the  
 (Zip Code)  
 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 Ash Swale and DeRaeve Reservoir  
 (Name of stream)  
 -----, a tributary of South Yamhill River

2. The amount of water which the applicant intends to apply to beneficial use is 6.09  
 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 2,600 ft. N and 1,020 ft. W from the SE  
 (N. or S.) (E. or W.)  
 corner of Section 7, T56, R4W, W.M. Polk County, Oregon  
 (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 NE4 SE4 of Sec. 7, Tp. 6S,  
 (Give smallest legal subdivision) (N. or S.)

R. 4W, W. M., in the county of Polk  
 (E. or W.)

5. The pipeline to be 4,500  
 (Main ditch, canal or pipe line) (Miles or feet)  
 in length, terminating in the SE4 NE4 of Sec. 18, Tp. 6S,  
 (Smallest legal subdivision) (N. or S.)

R. 4W, 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 16 feet, length on top 300 feet, length at bottom  
110 feet; material to be used and character of construction - dismountable flashboard  
dam with reinforced concrete apron, cutoff walls, sidewalls and wingwalls and weed  
flashboards. Earthfill section each side of concrete flashboard section. Flashboards  
to be removed during high streamflow period allowing flood waters to pass through and  
rock and brush, timber crib, etc., wasteway over or around dam.  
 (b) Description of headgate--- / over dam. Fish passage facilities provided.  
 (Timber, concrete, etc., number and size of openings)

(c) If water is to be pumped give general description 50 H.P., centrifugal, 650 G.P.M.  
 (Size and type of pump)  
240 Ft. T.D.H., 3,600 R.P.M. Electric motor, 3 ph., 230-460 volt.  
 (Size and type of engine or motor to be used, total head water is to be lifted, etc.)

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, 4,500 ft.; size at intake, 8 in.; size at 4,500 ft. from intake 8 in.; size at place of use 3,4,6 & 8 in.; difference in elevation between intake and place of use, 30 ft. Is grade uniform? Yes Estimated capacity, 1.43 sec. ft. (640 GPM)

Area west of S.P.R.R. to be irrigated with portable irrigation system. Main lines 8",

8. Location of area to be irrigated, or place of use 6" & 4" - Laterals 4" & 3".

| Township North or South | Range E. or W. of Willamette Meridian | Section | Forty-acre Tract | Number Acres To Be Irrigated |
|-------------------------|---------------------------------------|---------|------------------|------------------------------|
| 6S                      | 4W                                    | 7       | NE¼ NE¼          | 1.74                         |
|                         |                                       |         | SE¼ NE¼          | 19.04                        |
|                         |                                       |         | SW¼ NE¼          | 0.91                         |
|                         |                                       |         | SE¼ NW¼          | 0.45                         |
|                         |                                       |         | NW¼ SW¼          | 1.97                         |
|                         |                                       |         | NE¼ SW¼          | 21.47                        |
|                         |                                       |         | NW¼ SE¼          | 37.21                        |
|                         |                                       |         | NE¼ SE¼          | 25.31                        |
|                         |                                       |         | SE¼ SE¼          | 32.55                        |
|                         |                                       |         | SW¼ SE¼          | 27.48                        |
| 6S                      | 4W                                    | 8       | SE¼ SW¼          | 34.38                        |
|                         |                                       |         | SW¼ SW¼          | 23.03                        |
|                         |                                       |         | NW¼ NW¼          | 0.24                         |
|                         |                                       |         | SW¼ NW¼          | 0.40                         |
| 6S                      | 4W                                    | 17      | SW¼ SW¼          | 32.27                        |
|                         |                                       |         | SE¼ SW¼          | 12.03                        |
|                         |                                       |         | NW¼ NW¼          | 40.00                        |
|                         |                                       |         | NE¼ NW¼          | 14.51                        |
| 6S                      | 4W                                    | 18      | SE¼ NW¼          | 12.86                        |
|                         |                                       |         | SW¼ NW¼          | 40.00                        |
|                         |                                       |         | SE¼ NE¼          | 19.26                        |
|                         |                                       |         | NE¼ NE¼          | 30.69                        |
|                         |                                       |         | NW¼ NE¼          | 16.46                        |
|                         |                                       |         | NE¼ NW¼          | 24.68                        |
|                         |                                       |         | NW¼ NW¼          | 18.55                        |

(If more space required, attach separate sheet)

(a) Character of soil Woodburn, Amity, Willamette 487.49 Total

(b) Kind of crops raised Grain, alfalfa, hay, etc.

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, \$25,000 (dam).....

12. Construction work will begin on or before August 1, 1976 .....

13. Construction work will be completed on or before November 1, 1976 .....

14. The water will be completely applied to the proposed use on or before July 1, 1976 .....

*Marvin DeRaeve*  
(Signature of applicant)  
*Marvin DeRaeve*

Remarks: De Raeve Reservoir to back water upstream to Marvin Fast's proposed dam which will be located on Marvin Fast's property and immediately upstream of the Marvin DeRaeve-Marvin Fast property line. These two projects (Fast and DeRaeve) to be constructed and operated in conjunction with each other.

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 6.09 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 Ash Swale and DeRaave Reservoir to be constructed under application No. R-54226, permit No. R- 6487

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 from direct flow and storage from reservoir to be constructed under permit No. R- 6487

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 May 6, 1976

Actual construction work shall begin on or before September 16, 1977 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1978

~~Extended to Oct. 1979~~  
Complete application of the water to the proposed use shall be made on or before October 1, 1979

~~Extended to Oct. 1 1980~~  
WITNESS my hand this 16th day of September, 19 76

James E. Lister  
WATER RESOURCES DIRECTOR

Permit No. 40684

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 6th day of May,  
19 76, at 2:50 o'clock P. M.

Returned to applicant:

Approved:

Recorded in book No. 40684 of  
Permits on page

STATE ENGINEER

Drainage Basin No. 2 page 90 B 26

Fees 167 90