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MAY 26 1976

WATER RESOURCES DEPT  
SALEM, OREGON

Permit No. 41553

\*APPLICATION FOR PERMIT

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

I, R. M. Hegewald (Name of applicant)

of P.O. Box 409 (Mailing address), Stevenson (City)

State of Washington, 98648 (Zip Code), 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 Rock Quarry Canyon and Rock Quarry (Name of stream)  
Canyon Reservoir and Upper Rock Quarry (Name of stream)  
Canyon Reservoir and Upper Rock Quarry, tributary of Silver Creek

2. The amount of water which the applicant intends to apply to beneficial use is 74 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 1130 ft. S and 1000 ft. W from the NE corner of Section 27, T23S; R27E.W.M. (Section or subdivision)

for Lower Canyon & Res. 1720' N & 640' W from SE Cor Sec 25  
The lower Res is w/in NE 1/4 NE 1/4 Sec 27, The Upper Res  
(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 SE 1/4 of Sec. 25, Tp. 23S (Give smallest legal subdivision) (N. or S.)

R. 27E., W. M., in the county of Harney (E. or W.)

5. The pipeline to be 0.5 miles in length, terminating in the NE 1/4 NW 1/4 of Sec. 27, Tp. 23S (Main ditch, canal or pipe line) (Miles or feet) (Smallest legal subdivision) (N. or S.)

R. 27E., 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 30 feet, length on top \* feet, length at bottom \* feet; material to be used and character of construction Unzoned earth fill constructed with local barrow and rip-rap of local rock (Loose rock, concrete, masonry)

(b) Description of headgate Standard outlet gate with catwalk and vertical shaft with 24" rock outlet (Timber, concrete, etc., number and size of openings)

(c) If water is to be pumped give general description (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. Such forms can be secured without charge, together with instructions, by addressing the State Engineer, Salem, Oregon 97310.

\* more complete design to be completed at later date.

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, 2640 ..... ft.; size at intake, 24 ..... in.; size at ..... ft. from intake ..... in.; size at place of use 24 ..... in.; difference in elevation between intake and place of use, 8-10 ..... ft. Is grade uniform? yes ..... Estimated capacity, 2400 gal/min ..... 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
T23S	R27E	22	NE $\frac{1}{4}$ SE $\frac{1}{4}$	40
"	"	"	NW $\frac{1}{4}$ SE $\frac{1}{4}$	40
"	"	"	SE $\frac{1}{4}$ SE $\frac{1}{4}$	40
"	"	"	SW $\frac{1}{4}$ SE $\frac{1}{4}$	40
"	"	"	NE $\frac{1}{4}$ SW $\frac{1}{4}$	40
"	"	"	NW $\frac{1}{4}$ SW $\frac{1}{4}$	40
"	"	"	SE $\frac{1}{4}$ SW $\frac{1}{4}$	40
"	"	"	SW $\frac{1}{4}$ SW $\frac{1}{4}$	40
"	"	21	NE $\frac{1}{4}$ SE $\frac{1}{4}$	40
"	"	"	NW $\frac{1}{4}$ SE $\frac{1}{4}$	40
"	"	"	SE $\frac{1}{4}$ SE $\frac{1}{4}$	40
"	"	"	SW $\frac{1}{4}$ SE $\frac{1}{4}$	40

(If more space required, attach separate sheet)

(a) Character of soil ..... Sandy loam ..... *see*

(b) Kind of crops raised ..... Alfalfa and grain .....

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 .....

T23S	R27E.	27		Prim	Suppl
"	"	"	NW $\frac{1}{2}$ NE $\frac{1}{2}$	40	
"	"	"	SW $\frac{1}{2}$ NE $\frac{1}{2}$	40	
"	"	"	NE $\frac{1}{2}$ NW $\frac{1}{2}$	<del>40</del> 32.8	7.2
"	"	"	NW $\frac{1}{2}$ NW $\frac{1}{2}$	<del>40</del> <del>35.8</del> 36.0	4.0
"	"	"	SW $\frac{1}{2}$ NW $\frac{1}{2}$	<del>40</del> 5.6	34.4
"	"	"	SE $\frac{1}{2}$ NW $\frac{1}{2}$	<del>40</del> 14.6	25.4
"	"	"	NE $\frac{1}{2}$ SW $\frac{1}{2}$	<del>40</del> 8.4	31.6
"	"	"	<del>NW<math>\frac{1}{2}</math>SW<math>\frac{1}{2}</math></del>	<del>40</del>	40.0
"	"	"	SW $\frac{1}{2}$ SW $\frac{1}{2}$ , N. of Hwy.	<del>20</del> 2.6	17.4
"	"	"	SE $\frac{1}{2}$ SW $\frac{1}{2}$ , N. of Hwy.	<del>24</del> 8.0	16.0
"	"	"	NW $\frac{1}{2}$ SE $\frac{1}{2}$	40	
"	"	"	SW $\frac{1}{2}$ SE $\frac{1}{2}$ , N. of Hwy.	27	
"	"	"	SE $\frac{1}{2}$ SE $\frac{1}{2}$ , N. of Hwy.	31	
"	"	26	NW $\frac{1}{2}$ SW $\frac{1}{2}$	40	
"	"	"	SW $\frac{1}{2}$ SW $\frac{1}{2}$ N. of Hwy.	34	
"	"	"	SE $\frac{1}{2}$ SW $\frac{1}{2}$ N. of Hwy.	38	
"	"	28	NE $\frac{1}{2}$ NE $\frac{1}{2}$	40	
"	"	"	NW $\frac{1}{2}$ NE $\frac{1}{2}$	40	
"	"	"	SW $\frac{1}{2}$ NE $\frac{1}{2}$	40	
"	"	"	SE $\frac{1}{2}$ NE $\frac{1}{2}$	40	
"	"	"	NE $\frac{1}{2}$ NW $\frac{1}{2}$	40	
"	"	"	NW $\frac{1}{2}$ NW $\frac{1}{2}$	40	
"	"	21	NE $\frac{1}{2}$ SW $\frac{1}{2}$	40	Reservoir is secondary source; Well#3 is primary
"	"	"	NW $\frac{1}{2}$ SW $\frac{1}{2}$	40	
"	"	"	SW $\frac{1}{2}$ SW $\frac{1}{2}$	40	
"	"	"	SE $\frac{1}{2}$ SW $\frac{1}{2}$	40	
"	"	"	SE $\frac{1}{2}$ SW $\frac{1}{2}$	40	

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73158  
 7061 1454

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, \$...75,000.00.....
- 12. Construction work will begin on or before April 1, 1976.....
- 13. Construction work will be completed on or before September 1976.....
- 14. The water will be completely applied to the proposed use on or before Spring 1977.....

*Rm. [Signature]*  
(Signature of applicant)

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 correction and completion.

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before August 17, 1976.  
October 25, 1976

WITNESS my hand this 17th day of June 19 76  
24th August, 1976

JAMES E. SEXSON  
Director

By *Chas. Garner*  
Vestal R. Garner

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AUG 17 1976  
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SEP 21 1976  
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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 36.3 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 Virginia Creek, Lower Rock Creek Quarry Reservoir constructed under permit No. R 899, and Upper Rock Quarry Canyon Reservoir to be constructed under application No. R 53998, permit No. R 6583 The use to which this water is to be applied is irrigation and supplemental irrigation

If for irrigation, this appropriation shall be limited to 1/40th of one cubic foot per second or its equivalent for each acre irrigated from direct flow and shall be further limited to a diversion of not to exceed 3 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 6583, provided further that the right allowed herein shall be limited to any deficiency in the available supply of any prior right existing for the same land and shall not exceed the limitation allowed herein,

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 26, 1976

Actual construction work shall begin on or before August 17, 1978 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1979

Complete application of the water to the proposed use shall be made on or before October 1, 1980

WITNESS my hand this 17th day of August, 19 77

*James E. Lewis*  
Water Resources Director

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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 26 day of May, 19 76, at 8 o'clock A. M.

Returned to applicant:

Approved:

Recorded in book No. \_\_\_\_\_ of \_\_\_\_\_ Permits on page \_\_\_\_\_

STATE ENGINEER

Drainage Basin No. 12 page 188

Fees 4.00