

\*Enlargement Permit No. 149

APPLICATION FOR A PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF OREGON

I, R M Morgan (Name of Applicant) of Glendale (Postoffice), Douglas County 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 Cow Creek (Name of stream)

2. The appropriation to be made by the enlargement (or extension) of The A H Henson Irrigation Ditch (Give name or canal or works to be enlarged)

owned by

3. The amount of water which the applicant intends to apply to beneficial use is 0.031 cubic feet per second, which amount is in addition to the present claimed appropriation.

4. The use to which the water is to be applied is Irrigation (Irrigation, power, mining, manufacturing, domestic supplies, etc.)

Location and Description of Ditch or Works which it is Proposed to Enlarge or Extend

5. (a) The point of diversion from the stream is South 70 3/4° West 9.41 chains (Give distance and bearing to section corner) from the Northeast corner of Section 22 T 32 S R 5 W. W. M.

(b) The headgate is located within the NE 1/4 of NE 1/4 of Section 22, (Smallest legal subdivision) of Sec. 32 S, R. 5 W, W. M., in the county of Douglas

(c) Said ditch is 1.50 miles in length and terminates in the SE 1/4 of NW 1/4 of Sec. 21, Tp. 32 S, R. 5 W (Smallest legal subdivision)

W. M., the proposed location being shown throughout on the accompanying map.

(d) The dimensions of said ditch just below the headgate are: Width on top (at water line) 4.0 feet; width on bottom 3.0 feet; depth of water 2.0 feet; grade 1.21 feet fall per 1000 feet, having a maximum safe capacity of 10 cubic feet per second.

(e) Said ditch now serves to irrigate the following described land: Section 22 NW 1/4 of NE 1/4 8.0 acres N part NW 1/4 22.0 (If not used for irrigation, give purpose for which said ditch is used, extent of power developed, mines served, etc.)

Section 21: NW 1/4 of NE 1/4 20.0 acres N part SE 1/4 90.0 " SW 1/4 of NE 1/4 40.0 " NE 1/4 of SW 1/4 40.0 " NE 1/4 of NE 1/4 20.0 " NW 1/4 of SW 1/4 40.0 acres SE 1/4 of NE 1/4 40.0 " SW 1/4 of SW 1/4 15.0 " , SE 1/4 of SW 1/4 5.0 " SE 1/4 of NW 1/4 30.0 " All in T 32 S. R. 5 W. W. M.

\*A different form of application is provided for new appropriations, and where storage works are contemplated. These forms can be secured without charge, together with instructions, by addressing the State Engineer, Salem, Oregon.

compared d.a.

(f) The total area now irrigated from said ditch is 370.0 acres.

(g) The diversion works of said ditch are described as follows: Timber, rock and brush,  
wasteway over dam; height 3.0 ft.; length on top 75.0 ft.; length on bottom 50.0 ft.

(If any, give character of dam, height, length on top and bottom; spillway over or around dam)

**Description of Proposed Enlargement**

6. (a) The diversion dam, after enlargement Will remain unchanged (Will remain unchanged,  
or if changed, give height, length, character of material, etc.)

(b) The dimensions of ditch just below the headgate, when enlarged to be: Width on top (at  
water line)                      feet; width on bottom                      feet; depth of water                      feet;  
grade                      feet fall per 1000 feet. **Unchanged**

(c) At                      miles from headgate: Width on top (at water line)                      feet;  
width on bottom                      feet; depth of water                      feet; grade                      feet fall  
per 1000 feet. **Unchanged**

(Give further dimensions at points where changed in dimensions)

(d) The ditch or canal as **extended**                      1.85 miles in length, terminating in  
the NE 1/4 of SE 1/4 of Sec. 20, Tp. 32 S, R. 5 W, W. M.  
(Give smallest legal subdivision)

(e) The head of the proposed extension is located                     

(If proposed work is extension of the original ditch or a ditch tapping same, locate by tie to Government corner)

**Fill in the Following Information, where the Water Appropriated is to be Used for:**

**Irrigation**

7. The land to be irrigated by the proposed extension or enlargement has a total area of 10 acres  
27 rds. acres, located in each smallest legal subdivision, as follows:

NE 1/4 of SE 1/4 of Sec. 20 2.5 acres

(Give estimated irrigable acreage in each smallest legal subdivision of land which it is proposed to irrigate)

Sec. 21 In the NW corner of SW 1/4 of SW 1/4 = 3 acres and 27 rods,

In the SW corner of NW 1/4 of SW 1/4 4.5 acres

All in T 32 S. R. 5 W W. M.

(If more space required, attach separate sheet)

**Power, Mining, Manufacturing or Transportation Purposes**

8. (a) Total amount of power to be developed                      horsepower.

(b) Total fall to be utilized                      feet.

(Head)

(c) The nature of the works by means of which the power is to be developed.....

located in....., Sec....., Tp....., R....., W. M.  
(Legal subdivision)

(d) The use to which the power is to be applied is.....

(e) The nature of the mines to be served.....

**Municipal Supply—**

9. To supply the city of.....  
.....County, having a present population of..... and an  
estimated future population of..... in 19.....

10. Estimated cost of the proposed extension or enlargement \$.....

11. Construction work will begin on or before One year from date of approval

12. Construction work will be completed on or before 2 yrs. from date of approval

13. The water will be completely applied to a beneficial use on or before.....  
3 yrs. from date of approval

Duplicate maps of the original canal or other works, showing also the enlargement or extension, prepared in accordance with the rules of the Board of Control, accompany this application.

R M Morgan  
(Name of Applicant)

Signed in the presence of us as witnesses:

(1) S E Eakin, Glendale  
(Name) (Address of Witness)

(2) C L Wilson, Glendale  
(Name) (Address of Witness)

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 or completion, as follows: .....

**For correction**

In order to retain its priority, this application must be returned to the State Engineer, with corrections, on or before September 7, 19 12.

WITNESS my hand this 8th day of August, 19 12

John H Lewis  
PAC  
State Engineer.

Compared L.A.

Application No. 2477

Enlargement Permit No. 149

PERMIT

To appropriate the public waters of the State of Oregon

Division No. 1 District No.

This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 31 day of July

19 12, at 8:00 o'clock A.M.

Returned to applicant for correction Aug 8 1912

Corrected application received August 17, 1912

Approved Sep 25 1912

Recorded in Book No. 1 of Enlargements on Page 149

John H Lewis

DFM HCB 4.65 State Engineer 1 map

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 the following limitations and conditions: The appropriation for irrigation purposes shall be limited to one-eightieth of one cu. ft. per sec. for each acre irrigated. The use hereunder shall conform to any reasonable rotation system ordered by the proper State officers.

The priority date of this permit is July 31, 1912

The amount of water appropriated shall be limited to the amount which can be applied to beneficial use and not to exceed 0.031 cubic feet per second. in case of rotation or its equivalent

Actual construction work shall begin on or before September 25, 1913 and shall thereafter be prosecuted with reasonable diligence and be completed on or before June 1, 1914

Complete application of the water to the proposed use shall be made on or before October 1, 1914

WITNESS my hand this 25th day of September, 19 12 John H Lewis

State Engineer.