

\*Enlargement Permit No. 4

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

I, W. S. Southworth and Sons  
(Name of Applicant)  
 of Seneca, County of Grant  
(Postoffice)  
 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 Bear Creek  
(Name of stream)
2. The appropriation to be made by the enlargement (or extension) of.....  
The Old Southworth Ditch, taken out about 1888, (I say about) because the old ditch was partly constructed (Give name of canal or works to be enlarged) - -at different times.  
 owned by W. S. Southworth
3. The amount of water which the applicant intends to apply to beneficial use is.....  
5  
 .....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 The SE corner, Sec 25 T 16 S R 31 E  
(Give distance and bearing to section corner)  
Will Mer. bears S 7° 49' E 43.20 ch

(b) The headgate is located within the SE 1/4 NE 1/4  
(Smallest legal subdivision)  
 of Sec. 25, Tp. 16 S, R. 31 East, W. M., in the county of Grant  
(No. N. or S.) (No. E. or W.)

(c) Said Southworth Ditch is 2 miles 46.85 ch by sum of courses  
(Ditch, canal or flume) miles in length and terminates in the NE 1/4 NE 1/4  
(Smallest legal subdivision) of Sec. 34, Tp. 16S, R. 31 E

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) 5.9 feet; width on bottom 3 1/2 feet; depth of water 9/10 feet; grade 3 feet fall per 1000 feet, having a maximum safe capacity of Seven cubic feet per second.

(e) Said ditch now serves to irrigate the following described land: .....

(If not used for irrigation, give purpose for which said ditch is used, extent of power developed, mines served, etc.)

In	NE 1/4	NE 1/4	Sec 34	33.86	acres	
"	SE 1/4	NE 1/4	" "	23.70	"	
"	SW 1/4	NE 1/4	" "	22.65	"	
"	NW 1/4	NE 1/4	" "	28.00	"	
"	SE 1/4	SE 1/4	" 27	.79	"	All of Town. 16 S R 31 East
"	SW 1/4	SW 1/4	" 26	2.86	"	

\*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.

Campbell & Co.

(f) The total area now irrigated from said ditch is 101.86 acres.

(g) The diversion works of said ditch are described as follows: .....

No dam. The diversion is to be taken out of the Old Ditch.

(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 The Old Original Dam will remain unchanged ;  
(Will remain unchanged.)

except for necessary repairs from time to time.

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) 5.9 feet; width on bottom 3½ feet; depth of water .9 feet; grade 3 feet fall per 1000 feet.

(c) At 75.53 ch miles from headgate: Width on top (at water line) 5.9 feet; width on bottom 3½ feet; depth of water one feet; grade .9 feet fall per 1000 feet. Same dimensions all through.

(Give further dimensions at points where changed in dimensions)

(d) The ditch or canal as enlarged to be 2 mi. 63 ch. by 2 " 77 " miles in length, terminating in course the NW¼ SE¼ of Sec. 27, Tp. 16 S, R. 31 E, W. M. " pegs and courses  
(Give smallest legal subdivision)

(e) The head of the proposed extension is located SW¼ NW¼ Sec. 25 T. 16 S Range 31 East from which the SW corner Sec 25 T 16 S R 31 E bears S 13.30 W 43.38 ch.  
(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.....  
245.15 acres, located in each smallest legal subdivision, as follows: .....

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

SW¼ SW¼	Sec 26	8.81	acres	NE¼ SW¼	Sec 27	37.04	acres
NE¼ SE¼	" 27	18.30	"	SE¼ SW¼	" 27	13.6	"
SE¼ SE¼	" 27	38.92	"	NE¼ SE¼	" 26	28.00	"
NW¼ SE¼	" 27	31.60	"	NW¼ SE¼	" 26	12.54	"
SW¼ SE¼	" 27	40.00	"	NE¼ NW¼	" 34	4.45	"
NW¼ NE¼	" 34	12.00	"				

(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 \$ 300.00.....

11. Construction work will begin on or before..... Oct. 1, 1909.....

12. Construction work will be completed on or before July 15, 1910.....

13. The water will be completely applied to a beneficial use on or before June 10, 1911.....

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.

W. S. Southworth & Sons  
(Name of Applicant)  
per E. I. Southworth, Manager.

Signed in the presence of us as witnesses:

- (1) A B Guernsey  
(Name) (Address of Witness)
- (2) Ella Sweek  
(Name) (Address of Witness)

Remarks: The land that the old ditch covered is to be irrigated from the extension.

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 as to the description of the land.

In order to retain its priority, this application must be returned to the State Engineer, with corrections, on or before July 2, 1909.

WITNESS my hand this 1 day of June, 1909.

John H. Lewis  
PAC State Engineer.

Compared L. C.

Application No. 108

Enlargement Permit No. 4

PERMIT

To appropriate the public waters of the State of Oregon

Division No. District No.

This instrument was first received in the office of the State Engineer at Salem, Oregon,

on the 27th day of May

1909, at 1:00 o'clock P M.

Returned to applicant for correction

June 1, 1909

Corrected application received

June 28, 1909

Approved

July 8, 1909

Recorded in Book No. 1 of Enlargements

on Page 4

John H. Lewis

25.38

State Engineer

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 amount of water appropriated shall be limited to the amount which can be applied to beneficial use and not to exceed one-eightieth of one cubic feet per second.

Actual construction work shall begin on or before July 8, 1910 and shall thereafter be prosecuted with reasonable diligence and be completed on or before July 8, 1911

Complete application of the water to the proposed use shall be made on or before July 8, 1913

WITNESS my hand this 8th day of July, 1909

John H. Lewis

State Engineer.