

\*Enlargement Permit No. 195

CERTIFICATE NO. 2478

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

We, B. E. Kerns & J W Kerns  
(Name of Applicant)

ASSIGNED Sec. 12

of Keno, County of Klamath  
(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 Klamath River  
(Name of stream)

2. The appropriation to be made by the enlargement (or extension) of The Keno Light and Power Plant Canal  
(Give name or canal or works to be enlarged)

owned by B E Kerns & J W Kerns

3. The amount of water which the applicant intends to apply to beneficial use is 200 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 Hydro-Electric development for power and lighting.  
(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 N 45° E 56.6 rods from SW corner of Sec. 36 Tp. 39 S. R 7 E  
(Give distance and bearing to section corner)

(b) The headgate is located within the Lot 1 SW 1/4 SW 1/4  
(Smallest legal subdivision)

of Sec. 36, Tp. 39 S, R. 7 E, W. M., in the county of Klamath  
(No. N. or S.) (No. E. or W.)

(c) Said canal is 500/5280 miles in length and terminates in the Lot 1 SW 1/4 SW 1/4 of Sec. 36, Tp. 39 S, R. 7 E,  
(Ditch, canal or flume) (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) 24 feet; width on bottom 24 feet; depth of water 6 feet; grade 1/2 feet fall per 1000 feet, having a maximum safe capacity of 400 cubic feet per second.

(e) Said ditch now serves to irrigate the following described land: Supply water for a 250 H.P. hydrostatic plant  
(If not used for irrigation, give purpose for which said ditch is used, extent of power developed, mines served, etc.)

Compared S. C.

\*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.

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

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

Rock & brush dam extends halfway across the river. Spillway around dam.

(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,

Dam will be extended enough to secure full 25 foot head.

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) same feet; width on bottom same feet; depth of water 6" feet; grade.....feet fall per 1000 feet.

(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. (Give further dimensions at points where changed in dimensions)

(d) The ditch or canal as enlarged to be.....miles in length, terminating in the.....of Sec. ...., Tp. ...., R. ...., 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..... 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)

(If more space required, attach separate sheet)

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

8. (a) Total amount of power to be developed.....588.....horsepower.

(b) Total fall to be utilized.....25.....feet. (Head)

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

Hydro-electric plant

located in Lot 1, Sec. 36, Tp. 39 S, R. 7 E, W. M.  
(Legal subdivision)

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

Light, heat and power

(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 \$ 15,000

11. Construction work will begin on or before Sept. 1, 1913

12. Construction work will be completed on or before Sept. 1, 1914

13. The water will be completely applied to a beneficial use on or before Sept. 1, 1917

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

B E Kerns  
(Name of Applicant)

J W Kerns

Signed in the presence of us as witnesses:

(1) H J Mattoon, Keno, Ore.  
(Name) (Address of Witness)  
(2) B S Kerns, Chico, Cal.  
(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: .....

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.

Compared L. C. W.

Application No. 3026

Enlargement Permit No. 195

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 19 day of June

19 13, at 1:30 o'clock P.M.

Returned to applicant for correction

Corrected application received

Approved

Jan 20 1914

Recorded in Book No. 1 of Enlargements

on Page 195

John H Lewis

MDMcC PAC \$76.80 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:

This appropriation shall be limited to the development of 588 theoretical horsepower.

The priority date of this permit is June 19, 1913.

The amount of water appropriated shall be limited to the amount which can be applied to beneficial use and not to exceed (207) Two Hundred seven cubic feet per second.

Actual construction work shall begin on or before Jan. 20, 1915

and shall thereafter be prosecuted with reasonable diligence and be completed on or before June 1st, 1917

Complete application of the water to the proposed use shall be made on or before Oct. 1st, 1919

WITNESS my hand this 20th day of January, 19 14

John H Lewis

State Engineer.