



STATE OF WASHINGTON
DEPARTMENT OF CONSERVATION AND DEVELOPMENT
Division of Hydraulics

APPLICATION FOR A PERMIT

To appropriate Public Waters of the State of Washington

Application No. 3870 Permit No. 2088

I, Frances A. Williams
(Name of applicant)
of Cumberland, County of KING
(Postoffice)
State of WASHINGTON

, do hereby make application for a permit to appropriate the following described public waters of the State of Washington subject to existing rights:

If the applicant is a corporation, give date and place of incorporation

1. The source of the proposed appropriation is A series of springs
(Name of stream)
tributary of Coal Creek

(amended 12-1-33)

2. The amount of water which the applicant intends to apply to beneficial use is $\frac{1}{2}$ 1.50
cubic feet per second.

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

4. Time during which water will be required each year May 1st to October 1st for irrigation
continuously for domestic use and power. irrigation--June, July & August--Domestic etc. all year

5. The approximate point of diversion is located 940' South of the N. E. Corner
(Give distance and bearing to section corner)
of the SW $\frac{1}{4}$ of the N. E. $\frac{1}{4}$ of Section 33, Township 21 N., Range 7 E. of W.M.
being within the SW $\frac{1}{4}$ of NE $\frac{1}{4}$ of Sec. 33, Tp. 21 N., R. 7E W.M.,
(Give smallest legal subdivision) (No. E. or W.)
in the county of King

6. The Pipe Line to be 2100' ft. or 400 ft. in length, terminating
(Main ditch, canal, or pipe line)
in the SW $\frac{1}{4}$ of NE $\frac{1}{4}$ of Sec. 33, Tp. 21 N., R. 7E W.M.,
(Smallest legal subdivision) (No. E. or W.)
the proposed location being shown on the accompanying map.

7. The name of the ditch, canal or other works is None

8. Estimated cost of development necessary to utilize fully the appropriation herein asked for \$ 1000.00----- (One Thousand Dollars)

9. Does the stream from which you wish to appropriate water flow through the tract of land on which the water is to be used? Yes

10. Do you own the required right-of-way for the proposed works? Yes

DESCRIPTION OF WORKS.

DIVERSION WORKS--

11. (a) Height of diversion dam Five feet; length on top 25' feet;
length at bottom 10' feet; material to be used and character of construction

Timber
(Loose rock, concrete, masonry, rock and brush, timber crib, etc., wasteway over or around dam)

(b) Description of headgate Timber, one intake, one sluice and
(Timber, concrete, etc.; number and size of openings)
a spillway

CANAL SYSTEM—

12. (a) Give approximate 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.

SUPPLY THE FOLLOWING INFORMATION ACCORDING TO USE PROPOSED:

IRRIGATION—

13. The land to be irrigated has a total area of about thirty acres, described as follows: all in the SW 1/4 of NE 1/4 of Section 33, T1 N., R7 E. (Give legal subdivision by section, township and range)

(If more space is required, attach separate sheet)

14. Give the legal description of land when water is to be used for purposes other than irrigation, power and municipal supply..... Sec....., Tp..... N., Rge..... W. M., (Legal subdivisions) (E. or W.)

(a) To what stream is water returned Gal Creek (b) Locate the point of return No return except by seepage Sec....., Tp..... N., Rge..... W. M., (Smallest legal subdivision of section) (E. or W.)

POWER—

15. (a) Total amount of power to be developed One-half 6.4 75.5 (Theoretical horsepower) H. P. (Amended)

(b) Total fall to be utilized 150 (Amended) 27 (Head) feet.

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

(d) Such works to be located in SW 1/4 of NE 1/4 of Sec. 33 Tp. 21 N., Rge. 7 E. W. M. (Legal subdivision) (No. E. or W.)

(e) To what stream is the water to be returned No Return

(f) Locate point of return Sec..... Tp..... N., Rge..... W. M. (No. E. or W.)

(g) The use to which power is to be applied is Domestic purposes

MUNICIPAL SUPPLY—

16. To supply the city of _____ (Name)

_____ County, having a present population of _____
and an estimated population of _____ in 19____

(a) Estimated present requirement _____

(b) Estimated future requirement _____

17. Construction work will begin on or before _____ twenty-two months

18. Construction work will be completed on or before _____ 2 years

Duplicate maps of the proposed ditch or other works, prepared in accordance with the rules of the State Supervisor of Hydraulics accompany this application.

James A. Williams
(Name of applicant)

Signed in the presence of us as witnesses:

(1) James Thomas
(Name)

1912 Broadway Bldg
Seattle Wash
(Address of witness)

(2) E. D. Taylor
(Name)

2142 No. 8th Seattle, Wash
(Address of witness)

Remarks: _____

STATE OF WASHINGTON, }
COUNTY OF THURSTON. } 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 Supervisor of Hydraulics, with corrections, on or before _____, 19____

WITNESS my hand this _____ day of _____, 19____

State Supervisor of Hydraulics.

APPLICATION NO. 3870

Examination made November 6, 1933.

Frances A. Williams

This application is for 0.5 c.f.s. for irrigation and domestic use from a spring tributary of Coal Creek near Cumberland, Pierce County.

The examination was made in company with Mr. E. M. McHugh, city engineer of Enumclaw, who represented the applicant.

The stream heads in a spring emerging from a hillside about 500 feet above the proposed point of diversion and flows into Coal Creek about 1000 feet below this point. Mr. McHugh had established a weir at the proposed point of diversion and found a flow of 0.98 c.f.s. on July 14th and 15th, 1933, which measurements should represent a minimum flow of this stream. On date of examination, after a period of heavy rainfall, the flow was found to be 1.25 c.f.s.

A pipe line supplying what is known as the Navy Mine as well as some residences in the surrounding territory formerly utilized this water, the mine having initiated the right in 1916. This mine later became the property of applicant's husband, though it now belongs to Pierce County.

Mr. Williams, now deceased, held a franchise to supply residents around the mine with domestic water, but as these individuals refused to pay for such service and there was some expense attached to the up-keep of the line, Mrs. Williams had that portion of the pipe which crossed her place removed. Following this action, the franchise was revoked by the Pierce County commissioners and water was diverted into the distributing lines of the system from a nearby spring. At the present time no use is being made of the water of the spring from which Mrs. Williams desires to divert.

Owing to the fact that the soil on applicant's place is of a light texture, it is believed that the full quantity of water applied for will be required for successful irrigation. It is therefore recommended that permit issue, subject to existing rights, for 0.5 c.f.s.

JK *GB*
Signed this 9th
day of November, 1933.

J. R. Adell
Assistant Supervisor.