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JULY 19 1955

STATE ENGINEER
SALEM, OREGON

APPLICATION FOR PERMIT

To appropriate the Public Waters of the State of Oregon

I, Lydia and Wilhelm Kalwallie
(Name of applicant)

of Rt. 3, Box 13, Seila
(Mailing address)

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 Thomas Creek
(Name of stream)

a tributary of South Santiam River

2. The amount of water which the applicant intends to apply to beneficial use is .7475 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 N. 29° 15' E. 28.5 chains
ft. and ft. from the SW
(N or S) (E or W)
corner of Section 18, Township 10 South, Range 1 W.W.M.
(Section or subdivision)

(Reference monument is a 6 X 7 X 8" stone marked "CS" with an "X" on top which is located at the southwest corner of Section 18, Township 10 South, Range 1 W.W.M.)

(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 NW 1/4 of SW 1/4 of Sec. 18 Tp 10 S
(Give smallest legal subdivision)

R. 1 W. W. M., in the county of Linn
(E or W)

5. The main pipe line to be 1320'
(Main ditch, canal or pipe line) (Miles or feet)
in length, terminating in the SW 1/4 of SW 1/4 and NE 1/4 of SW 1/4 of Sec. 18 Tp 10 S
(Smallest legal subdivision)

R. 1 W. 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 feet, length on top feet, length at bottom feet;
feet; material to be used and character of construction

rock and brush, timber crib, etc., wasteway over or around dam

(b) Description of headgate
(Timber, concrete, etc., number and size of openings)

(c) If water is to be pumped give general description 2" centrifugal pump powered by 2 1/2 H.P.
(Size and type of pump)
electric motor. Lift will be around 15'. Will plan to use 15 eight gallon sprinklers.
(Size and type of engine or motor to be used, total head of water to be lifted, etc.)

*A different form of application is provided where storage works are contemplated

**Application for permits to appropriate water for the generation of electricity, with the exception of those applications which are filed with the Hydroelectric Commission. Either of the above forms may be secured, without cost, together with instructions by addressing the State Engineer, Salem, Oregon.

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. 1320 ft.; size at intake, 4 in.; size at 1320 ft. from intake 4 in.; size at place of use 3 in.; difference in elevation between intake and place of use. 20 ft. Is grade uniform? yes Estimated capacity, .4 sec. ft.

8. Location of area to be irrigated, or place of use (See below)

Township North or South	Range E or W of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
10 S.	1 W.	18	SE $\frac{1}{4}$ of NW $\frac{1}{4}$	1.7
10 S.	1 W.	18	NE $\frac{1}{4}$ of SW $\frac{1}{4}$	9.1
10 S.	1 W.	18	NW $\frac{1}{4}$ of SW $\frac{1}{4}$	10.0
10 S.	1 W.	18	SW $\frac{1}{4}$ of SW $\frac{1}{4}$	39.0
				50.8

(If more space required, attach separate sheet.)

(a) Character of soil Chehalis
 (b) Kind of crops raised Forage

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
 (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

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, \$2500.00
- 12. Construction work will begin on or before August 25, 1956
- 13. Construction work will be completed on or before October 1, 1958
- 14. The water will be completely applied to the proposed use on or before October 1, 1956

Lydia Wilhelm Tharwell
(Signature of applicant)
By *Wilhelm Tharwell*

Remarks: This application is made for a permit to irrigate 59.8 acres but it is not intended to irrigate in excess of 20 acres in any irrigation season. Under the practice of rotation in cropping, the entire 59.8 acres will ultimately be irrigated. It is requested that the quantity of water allowed be that required to irrigate 20 acres be made appurtenant to the entire 59.8 acres. Should it develop that the available supply is not sufficient to irrigate 20 acres, then it is desired that the available supply be made appurtenant to the entire 59.8 acres.

Lydia Wilhelm Tharwell
By *Wilhelm Tharwell*

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 _____

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_____

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 0.75 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 Thomas Creek

The use to which this water is to be applied is irrigation

If for irrigation, this appropriation shall be limited to 1/80th of one cubic foot per second or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed 2 1/2 acre feet per acre for each acre irrigated during the irrigation season of each year,

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 August 29, 1955

Actual construction work shall begin on or before February 15, 1957 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1957

Complete application of the water to the proposed use shall be made on or before October 1, 1958

WITNESS my hand this 15th day of February, 1956

Lewis A. Blaine
STATE ENGINEER

Application No. 570248
Permit No. 23840

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 29th day of August
1955, at 8:00 o'clock A. M.

Returned to applicant:

Approved:

February 15, 1956
Recorded in book No. 63 of
Permits on page 22811

LEWIS A. BLAINE
STATE ENGINEER

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