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APR 10 1972

STATE ENGINEER
SALEM OREGON

Permit No. 36813

*APPLICATION FOR PERMIT

To Appropriate the Public Waters of the State of Oregon

I, Robert L. Crane
(Name of applicant)
of Route 1, Box 52C Yamhill, OR 97148
(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 ~~Five~~ ^{Four} springs 1 Reservoir ² ~~Acres~~ ft.
(Name of stream)

Unnamed stream, a tributary of North Yamhill

2. The amount of water which the applicant intends to apply to beneficial use is 123 gpm. Crane spring #1--10 gpm, #2, 3 gpm, #3--15 gpm, #4--75 gpm, #5--20 gpm
~~in feet per second.~~ UNNAMED STREAM
(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 ~~25~~ gpm, Domestic ~~20~~ gpm, SHEET 1
(Irrigation, power, mining, manufacturing, domestic supplies, etc.)
~~(Domestic spring #2 10 gpm for house and 5 gpm for lawn. Spring #2 for fish, spring #4 for livestock water.)~~ UNNAMED STREAM

4. The point of diversion is located _____ ft. _____ and _____ ft. _____ from the _____ corner of _____
(N. or S.) (E. or W.)
SEE REMARKS SECTION
(Section or subdivision)

(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 _____ of Sec. _____, Tp. _____
(Give smallest legal subdivision) (N. or S.)

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

5. The SEE REMARKS SECTION to be _____
(Main ditch, canal or pipe line) (Miles or feet)

in length, terminating in the _____ of Sec. _____, Tp. _____
(Smallest legal subdivision) (N. or S.)

R. _____, 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; material to be used and character of construction _____
(Loose rock, concrete, masonry,

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 Spring #1--2 HP electric with cent.
(Size and type of pump)

pump 45 feet of lift. Spring #3--HP electric cent. pump with 30 feet of head--
(Size and type of engine or motor to be used, total head water is to be lifted, etc.)

both pumps will be stationary. Spring #4--10 HP gasoline engine with cent. pump to irrigate 9.3 acres. Slope of 15% occur in both fields.

*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 municipalities, must be made to the Hydroelectric Commission. Either of the above forms may be secured, without cost, together with instructions by addressing the State Engineer, Salem, Oregon.

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 one

(Answer questions 11, 12, 13, and 14 in all cases)

11. Estimated cost of proposed works, \$4200.00

12. Construction work will begin on or before see attached sheet

13. Construction work will be completed on or before

14. The water will be completely applied to the proposed use on or before

Robert L. Crane (Signature of applicant)

Letter dated 1-23-72 203 SE & NE 1/4

Remarks: No. 4 The points of diversion are located--Spring #1--1570 ft. South and 100 ft. West from the NE corner of section 35 T2S, R5W, being within the NE 1/4, NE 1/4, NE 1/4. Spring #3--1700 ft. south and 1500 ft. west from the NE corner of section 35, T2S, R5W, being within the NE 1/4, SW 1/4, NE 1/4. Spring #4--920 ft. south and 1470 ft. west from the NE corner of section 35, T2S, R5W, being within the SE 1/4, NW 1/4, NE 1/4. Spring #5--1800 ft south and 1570 ft. west from the NE corner of section 35, T2S, R5W, being within the NE 1/4, SW 1/4, NE 1/4.

No. 5 Crane Spring #1--Water diverted and pumped through 1" plastic pipe to two hog houses. The hog house west is approximately 200' west of the spring and is in SE 1/4, NE 1/4 of section 35, T2S, R5W. The other hog house is approximately 150' east of the spring and is in the SW 1/4, NW 1/4 of section 36, T2S, R5W. Water will be used for watering 600 head feeder hogs and sows and for cleaning the facilities.

#2 UNNAMED STREAM

Crane Spring #2--Provides water to small pond stocked with fish. No diversions. Location SE 1/4, NE 1/4 of section 35, T2S, R5W. (350 ft. of)

Crane Spring #3--Water piped to cattle barn and loafing shed through 1" plastic pipe 50 head of cows are watered daily. Barn is located in the SE 1/4, NE 1/4 of section 35, T2S, R5W. A 1 HP electric motor with centrifical pump will move water through 450' of 1" plastic pipe to a planned dwelling located in the NW 1/4, NE 1/4 of section 35, T2S, R5W.

Crane Spring #4--Sprinkler irrigation system--water will be pumped through 800 ft. of 4" aluminum pipe to fields indicated on the location map. Pipeline terminates in the NE 1/4, NE 1/4 of section 35, T2S, R5W.

Crane Spring #5--Water will be diverted from the spring and moved through 880 ft. of 2" plastic pipe to a pumping pond near spring #4. Pipeline terminates in SE 1/4, NW 1/4, NE 1/4 of section 35, T2S, R5W.

STATE OF OREGON, } ss. County of Marion,

This is to certify that I have examined the foregoing application, together with the accompanying maps and data, and return the same for correction and completion

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before July 10, 19 72. October 2, 72. December 26, 72.

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STATE ENGINEER SALEM, OREGON

WITNESS my hand this 26th day of August 1972. RECEIVED SEP 27 1972 STATE ENGINEER SALEM, OREGON

RECEIVED DECEMBER 14 1972 STATE ENGINEER SALEM, OREGON

CHRIS L. WHEELER STATE ENGINEER

By Wayne J. Overcash ASSISTANT

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, 800 ft.; size at intake, 4 in.; size at 800 ft. from intake 4 in.; size at place of use 3" in.; difference in elevation between intake and place of use, 80 ft. Is grade uniform? No Estimated capacity, .33 sec. ft.

8. Location of area to be irrigated, or place of use

Township North or South	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
25	5W	35	N.E. 1/4 N.E. 1/4	9.3 fish culture
25	5W	36	SW 1/4 NW 1/4	Hog House (watering)
25	5W	35	NW 1/4 NE 1/4	Farm Dwelling
25	5W	35	SE 1/4 NE 1/4	LIVESTOCK Watering
25	5W	35	SE 1/4 NE 1/4	Hog House

Letter dated 1-25-73

(If more space required, attach separate sheet)

(a) Character of soil Silty clay loams

(b) Kind of crops raised Pasture

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.

Tp., R., W. M.

(f) Is water to be returned to any stream?

(g) If so, name stream and locate point of return

....., Sec., Tp., R., W. M.

(h) The use to which power is to be applied is

(i) The nature of the mines to be served

Crane Springs 1-thru-5 Completion Plans:

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Spring #1. — Completed and supplying
Proposed use.

Spring #2. — Completed and Supplying
proposed use.

Spring #3. — Livestock use completed,
planned dwelling to be completed
and supplying proposed use.
August 1974.

Spring #4. Construction will commence
in August 1972. Scheduled
completion and application by
July, 1974.

Spring #5. — will be completed by
July, 1974 to corrolate with
Spring #4. due to related use.

Application No. 49141
Permit No. 36848

Robert L. Crane
Signature of applicant

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Item # 3. Each source - each use.

Spring #1 Maximum use (twice daily) 10 gpm 1 hr.
duration, for hog barns - purpose, watering animals &
cleaning pens.

UNNAMED
STREAM

~~Spring #2.~~ 39PM Small fish pond

Spring #3. 10 gpm - for proposed house,
5 gpm for Stock tank - Livestock watering.

Spring #4. 75 gpm for irrigation purposes

Spring #5. 20 gpm for irrigation purposes.

Application No. 49141
Permit No. 36848

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 0.16 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 4 springs, an unnamed stream and reservoir to be constructed under application No. R-49918, permit No. R-5996.

The use to which this water is to be applied is domestic use for 1 family, stock and irrigation being 0.02 cfs from spring #1 for stock, 0.005 cfs from spring #3 for stock, 0.005 cfs from spring #3 for domestic, 0.09 cfs from spring #4 and 0.03 cfs from spring #5 for irrigation and 0.01 cfs from unnamed stream and reservoir for fish culture

If for irrigation, this appropriation shall be limited to 1/80 of one cubic foot per second or its equivalent for each acre irrigated from direct flow 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 from direct flow and reservoir to be constructed under permit No.

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 July 11, 1972

Actual construction work shall begin on or before July 27, 1974 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1975...

Complete application of the water to the proposed use shall be made on or before October 1, 1976...

WITNESS my hand this 27th day of July, 1973

Chris L. Wheeler

STATE ENGINEER

July B

Application No. 49141
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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 10th day of April, 1972, at 8:00 o'clock A. M.

Returned to applicant:

Approved:

July 27, 1973

Recorded in book No. 36848 of Permits on page

CHRIS L. WHEELER STATE ENGINEER

Drainage Basin No. 2 page 20 B.13

Fees \$30.00