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MAR 21 1975
STATE ENGINEER *APPLICATION FOR PERMIT
SALEM, OREGON

CERTIFICATE NO. 48490

To Appropriate the Public Waters of the State of Oregon

I, CARL A. PIERSON (Name of applicant)
of RT 2 Box 393 (Mailing address), CORNELIUS (City),
State of OREGON, 97113 (Zip Code), 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 AN UNNAMED STREAM (Name of stream)
AND RESERVOIRS, a tributary of TUALTIN RIVER
UNDER PERMITS NO. R-5137 AND R-4582

2. The amount of water which the applicant intends to apply to beneficial use is 0.22
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 1330' ft. N (N. or S.) and 1280' ft. E (E. or W.) from the W 1/4
corner of SECTION 27 - LOWER DAM NO- R-5137 (Section or subdivision)

(530' N AND 2050' W FROM THE W 1/4 CORNER OF S 27
LOCATED WITHIN THE SW 1/4, NE 1/4 OF S 28 UPPER DAM (If preferable, give distance and bearing to section corner) R-4582

(If there is more than one point of diversion, each must be described. Use separate sheet if necessary)

being within the NW 1/4, NW 1/4 (Give smallest legal subdivision) of Sec. 27, Tp. 1S (N. or S.),
R. 3W (E. or W.), W. M., in the county of WASHINGTON

5. The MAIN PIPE LINE (Main ditch, canal or pipe line) to be 3300 (Miles or feet)
in length, terminating in the SE 1/4, NE 1/4 (Smallest legal subdivision) of Sec. 28, Tp. 1S (N. or S.),
R. 3W (E. or W.), W. M., the proposed location being shown throughout on the accompanying map.

DESCRIPTION OF WORKS

Diversion Works— See NOTE (D) - REMARKS.

6. (a) Height of dam 24' feet, length on top 397 feet, length at bottom 240 feet; material to be used and character of construction EARTH, COMPACTED (Loose rock, concrete, masonry).

NO STATE REQUIREMENTS - ROCK SPILLWAY, CEMENT CREST - AT NORTH END -
rock and brush, timber crib, etc., wasteway over or around dam)

(b) Description of headgate STEEL GATE + FRAME - TRICKLE TUBE + ONE (Timber, concrete, etc., number and size of openings)
OPENING

(c) If water is to be pumped give general description CENTRIFUGAL PUMP 1 1/2" OUTLET (Size and type of pump)
25 H.P. ELECTRIC MOTOR - 340' HEAD - 22-60PM SPRINKLERS (Size and type of engine or motor to be used, total head water is to be lifted, etc.)

* A different form of application is provided where storage works are contemplated. Such forms can be secured without charge, together with instructions, by addressing the State Engineer, Salem, Oregon 97310.

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, 3800 ft.; size at intake, 4 in.; size at 3300 ft. from intake 4 in.; size at place of use 3 in.; difference in elevation between intake and place of use, 150 ft. Is grade uniform? YES Estimated capacity, sec. ft.

8. Location of area to be irrigated, or place of use SEE ATTACHED SHEET-

Township North or South	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
1 S	3 W	27 + 28	NE 1/4, SE 1/4 NW 1/4, SW 1/4	5 ±
1 S	3 W	28	NE 1/4, SE 1/4	2.48 ±
1 S	3 W	27	NW 1/4, SW 1/4	2.57 ±
				5.05

(If more space required, attach separate sheet)

(a) Character of soil CLAY - LOAM
 (b) Kind of crops raised ALFALFA - GRASS

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.
 (Head)
 (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, \$ 7000⁰⁰

12. Construction work will begin on or before 2 OCT 74

13. Construction work will be completed on or before 1 JUN 75

14. The water will be completely applied to the proposed use on or before 1 JUL 75

Carl A. Pierson

(Signature of applicant)

Remarks: NOTE ① - THE DAM DESCRIBED IN #6 WAS

CONSTRUCTED UNDER PERMIT # R5137 AND ISSUED

TO FRANCIS H. HOEFER AND CARL A. PIERSON AND

IS DESCRIBED ON ENCLOSED MAP AS LOWER RESERVOIR.

THE UPPER RESERVOIR WAS CONSTRUCTED UNDER

PERMIT # 4582 AND WILL BE USED FOR STORAGE

TO BE RELEASED TO LOWER RESERVOIR WHEN

NEEDED.

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 and completion

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before June 2, 1975.

WITNESS my hand this 31st day of March, 1975.

CHRIS L. WHEELER

STATE ENGINEER

By *Wayne J. Overcash*
Wayne J. Overcash

ASSISTANT

RECEIVED

APR 4 1975

STATE ENGINEER
SALEM, OREGON

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 0.06 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 an unnamed stream and two Reservoirs constructed under Permit No's R-5137 and R-4582.

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 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 storage from reservoir constructed under Permit No's R-5137 and R-4582.

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 March 21, 1975

Actual construction work shall begin on or before March 24, 1977 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1977...

Complete application of the water to the proposed use shall be made on or before October 1, 1978...

WITNESS my hand this 24th day of March, 1976.

James E. [Signature]
WATER RESOURCES DIRECTOR

Application No. 52289
Permit No. 39915

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 21 day of March, 1975, at 8:00 o'clock A. M.

Returned to applicant:

Approved:

Recorded in book No. 39915 of Permits on page

STATE ENGINEER

Drainage Basin No. 2 page 62819

Fees \$25.00

FH B