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STATE ENGINEER

APPLICATION FOR PERMIT

To appropriate the Public Waters of the State of Oregon

I, U. S. Army Engineer District, Seattle,
(Name of applicant)
of 1519 South Alaskan Way, Seattle 4,
(Mailing address)
State of Washington, 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 a branch of North Slough Creek on the eastern drainage slope of the ~~Rocky Mountain~~ coastal range
(Name of stream)

2. The amount of water which the applicant intends to apply to beneficial use is 0.182
cubic feet per second, for a period of 16 hours per day.
(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 for domestic supplies.
(Irrigation, power, mining, manufacturing, domestic supplies, etc.)

4. The point of diversion is located 1585 ft. S. and 225 ft. W. from the N.E.
(N. or S.) (E. or W.)
corner of Section 1 (N. 33° 53' E. - 1848 ft. to N. E. corner Sec. 1)
(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 NE 1/4 Sec 1 of Sec. 1, Tp. 24 S
(Give smallest legal subdivision) (N. or S.)
R. 13 W., W. M., in the county of Cook, Oregon
(E. or W.)

5. The two pipe lines to be (1) 2,500 ft.
(Main ditch, canal or pipe line) (Miles or feet)
at (1) Station site, Govt. Lot 5, (1) 31
in length, terminating in the (2) Family house, Govt. Lot 5, (2) 11, Tp. (1) 23 S
(Give smallest legal subdivision) (Miles or feet)
(2) 13 W., W.M. & SE 1/4 Sec. 36, T. 23 S. R. 13 W., W.M.
R. (1) 12 W., W.M., the proposed location being shown throughout on the accompanying map. draw-
(E. or W.)
ing No. 15-06-23, Sheet 1 of 1, attached as exhibit "B"

DESCRIPTION OF WORKS

Diversion Works—

6. (a) Height of dam 4.73 feet, length on top 5.0 feet, length at bottom 55.0 feet; material to be used and character of construction Wakarusa sheet piling and rock fill. Spillway 2.87 ft. deep and 11.0 ft. wide with a fish ladder provided of rock and brush, timber crib, etc., wasteway over or around dam
(Loose rock, concrete, masonry)

(b) Description of headgate Stop logs in spillway serve as a headgate.
(Timber, concrete, etc., number and size of openings)

(c) If water is to be pumped give general description Water to be pumped from existing pump-house "A" to the family housing area (2500) ft. by turbine type pump driven by 5 H.P. electric motor at a total discharge head of 465 ft. Water will be pumped from proposed pump-house "A-A" to the North End Air Force Station (8150) ft. by displacement type pump driven by a 25 h.p. electric motor at a total discharge head of 850 ft.
(Size and type of pump) (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.

**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.

26535

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, (1) 8150 ft.; size at intake, (1) 4" in.; size at (2) 75 ft. from intake (1) 3" in.; size at place of use (1) 3" in.; difference in elevation between intake and place of use, (2) 2500 ft. Is grade uniform? No Estimated capacity, (2) 2 1/2" in.; (1) 710 ft. Is grade uniform? No Estimated capacity, 1.76 sec. ft.

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

Township North or South	Range E. or W. of Wilcoxville Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
24 S	13 W	1	NW 1/4 Govt Lot 1 & NE 1/4 Govt Lot 2	domestic use
23 S	13 W	36	SE 1/4 SE 1/4 SW 1/4 SE 1/4 & SW 1/4 SE 1/4 SE 1/4	domestic use
23 S	12 W	31	Govt Lot 4	domestic use

(If more space required, attach separate sheet)

(a) Character of soil

(b) Kind of crops raised

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

~~Municipal or Domestic Supply~~

10. (a) To supply the city of North Bend, Air Force Station & Family Housing Areas

City _____ County, having a present population of _____

and an estimated population of 270 in 1958

(b) If for domestic use state number of _____ wells to be supplied

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

11. Estimated cost of proposed works, \$111,000.00

12. Construction work will begin on or before June 30, 1960

13. Construction work will be completed on or before January 1, 1961

14. The water will be completely applied to the proposed use on or before January 1, 1962

R.P. Young

(Signature of applicant)

R. P. YOUNG
Colonel, Corps of Engineers
District Engineer
U. S. Army Engineer District, Seattle

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 completion

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before March 28, 1960.

WITNESS my hand this 28th day of January, 1960.

LEWIS A. STANLEY
STATE ENGINEER

By *Walter H. Perry*
Walter H. Perry
ASSISTANT

PERMIT

STATE OF OREGON,

County of Marion,

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 0.18 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 unnamed stream

The use to which this water is to be applied is domestic use at North Bend Air Force Station and housing area.

If for irrigation, this appropriation shall be limited to - - of one cubic foot per second or its equivalent for each acre irrigated

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 - January 20, 1960

Actual construction work shall begin on or before April 11, 1961 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1961.

Complete application of the water to the proposed use shall be made on or before October 1, 1962.

WITNESS my hand this 11th day of April, 1960.

Lewis A. Stanley
STATE ENGINEER

Application No. 33564
Permit No. 26555

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 20th day of January 1960, at 1:00 o'clock P. M.

Returned to applicant:

Approved: April 11, 1960
Recorded in book No. 72 of 25555
Permits on page

LEWIS A. STANLEY
STATE ENGINEER

Drainage Basin No. 17 page 104

Fees