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AUG 1 1961

Permit No. 27582

STATE ENGINEER
SALEM, OREGON

APPLICATION FOR PERMIT

To appropriate the Public Waters of the State of Oregon

I, United States Department of Agriculture, Agricultural Research Service
(Name of applicant)
of Cordley Hall, 116, OSU, Corvallis, Benton County
(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 Soap Creek and ponds
(Name of stream)
a tributary of Willamette River

2. The amount of water which the applicant intends to apply to beneficial use is
cubic feet per second. 60 gallons / min.
(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 Experimental Aquatic Studies
(Irrigation, power, mining, manufacturing, domestic supplies, etc.)

4. The point of diversion is located 34 chgs. S. and 7 chgs. E. from the NW
(N. or S.) (E. or W.)
corner of DLC 45
(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 SW 1/4 NE 1/4 of Sec. 26, Tp. 10S
(Give smallest legal subdivision) (N. or S.)

R. 5W, W. M., in the county of Benton
(E. or W.)

5. The 4" pipeline to be 1450 ft.
(Main ditch, canal or pipe line) (Gallons or feet)
in length, terminating in the NE 1/4 of Sec. 26, Tp. 10S
(Smallest legal subdivision) (N. or S.)

R. 5W, 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 None 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 4" pipeline at streambed level, gated by 6" x 6" slide
(Timber, concrete, etc., number and size of openings)

gate placed in bottom of 33" dia. sump. System is gravity flow, inflow taken out of creek at point below water level.

(c) If water is to be pumped give general description _____
(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.

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, 1450 ft.; size at intake, 4" in.; size at ft. from intake in.; size at place of use 4" in.; difference in elevation between intake and place of use. 11 ft. ft. Is grade uniform? Yes Estimated capacity, 60 cfs sec. ft.

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

Township North or South	Range E. or W. of Williamsite Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
10S	5W	26	NE $\frac{1}{4}$ NE $\frac{1}{4}$	Ponds
			NW $\frac{1}{4}$ NE $\frac{1}{4}$	"

(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

10. (a) To supply the city of _____

_____ County, having a present population of _____
(State 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, \$ _____

12. Construction work will begin on or before _____

13. Construction work will be completed on or before _____

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

The above described works are completed as of this date. _____

FUNGICIDE & HERBICIDE STA. _____
AGRICULTURAL RESEARCH SERV. _____
BOTANY DEPT., OREGON STATE COL. _____ Plant Pathologist in Charge
CORVALLIS, OREGON _____

Andrew Johnson Jr
(Signature of applicant)

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 _____

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_____

STATE ENGINEER

By _____ ASSISTANT

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 0.13 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 Soap Creek

The use to which this water is to be applied is maintenance of ponds to be constructed under application No. R-35871, permit No. R-2664 for experimental aquatic studies

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 August 1, 1961

Actual construction work shall begin on or before November 13, 1962 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1962

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

WITNESS my hand this 13th day of November, 1961

Lewis A. Stanley
STATE ENGINEER

Application No. 35872
Permit No. 27582

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 1st day of August, 1961, at 8:00 o'clock A. M.

Returned to applicant:

Approved:

November 13, 1961 of
Recorded in book No. 76

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LEWIS A. STANLEY
STATE ENGINEER

Drainage Basin No. 2 page 18 G

Fees