

*APPLICATION FOR PERMIT

CERTIFICATE NO. 44544

To appropriate the Public Waters of the State of Oregon

X Reed Institute, a nonprofit corporation, (Name of applicant)

of Portland (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 June 27, 1908

Oregon

1. The source of the proposed appropriation is Crystal Springs Creek - Reed (Name of stream)

Lake, a tributary of Johnson Creek

2. The amount of water which the applicant intends to apply to beneficial use is one (1)

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 475 ft. South and 2430 ft. East from the S.W. corner of SW 1/4 NW 1/4 Sec. 13, Tp. 1 S., R. 1 E. W. M. County of Multnomah (N. or S.) (E. or W.)

(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 SW 1/4 of Sec. 13, Tp. 1 S., R. 1 E. W. M., in the county of Multnomah (Give smallest legal subdivision) (N. or S.)

5. The pipeline system is portable and utilizes 3000 ft of movable pipe. (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 8 feet, length on top 115 feet, length at bottom 50 feet; material to be used and character of construction is earth fill (Loose rock, concrete, masonry, rock and brush, timber crib, etc., wasteway over or around dam)

(b) Description of headgate None (Timber, concrete, etc., number and size of openings)

(c) If water is to be pumped give general description 10 H/P portable centrifugal pump Size 2 X 3.7 - approximately 380 gallons per minute (Size and type of pump) Approximately 30 (Size and type of engine or motor to be used, total head water is to be lifted, etc.)

sprinklers will be used with a capacity of approximately eight gallons each per minute

*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—

30846

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, 3000 ft.; size at intake, 4 in.; size at 1500 ft. from intake 4 in.; size at place of use 3 in.; difference in elevation between intake and place of use, ft. Is grade uniform? No Estimated capacity, 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
Tp. 1 S	R 1 E	13	SW $\frac{1}{4}$ NE $\frac{1}{4}$	2.5
Tp. 1 S	R 1 E	13	SE $\frac{1}{4}$ NW $\frac{1}{4}$	15.8
Tp. 1 S	R 1 E	13	SW $\frac{1}{4}$ NW $\frac{1}{4}$	0.3
Tp. 1 S	R 1 E	13	NW $\frac{1}{4}$ SW $\frac{1}{4}$	0.9
Tp. 1 S	R 1 E	13	NE $\frac{1}{4}$ SW $\frac{1}{4}$	35.3
Tp. 1 S	R 1 E	13	NW $\frac{1}{4}$ SE $\frac{1}{4}$	30.4
Tp. 1 S	R 1 E	13	NE $\frac{1}{4}$ SE $\frac{1}{4}$	6.0
Tp. 1 S	R 1 E	13	SW $\frac{1}{4}$ SE $\frac{1}{4}$	0.2
Tp. 1 S	R 1 E	13	SE $\frac{1}{4}$ SW $\frac{1}{4}$	1.5
				72.9

(If more space required, attach separate sheet)

(a) Character of soil Clay and sand

(b) Kind of crops raised lawn, shrubs, trees and flowers

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

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, \$.....

12. Construction work will begin on or before

13. ~~Construction work will be completed on or before~~ System is complete and in operation.

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

x Richard H. Sullivan
(Signature of applicant)

Remarks: A single portable pump is used to remove water from the lake at the designated diversion point and at a point 475 feet South and 2430 feet East of the SW corner of SW 1/4 NW 1/4 Sec 13, Tp 1 S R 1 E, W.M., County of Multnomah

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 1.0 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 Johnson Springs Creek and Reed Lake Reservoir to be constructed under application No. R-41866, permit No. R-4658

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 to be constructed under permit No. R-4658

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 13, 1966

Actual construction work shall begin on or before March 21, 1967 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1967.

Complete application of the water to the proposed use shall be made on or before October 1, 1968.

WITNESS my hand this 21st day of March, 1966.

Handwritten signature of the State Engineer

STATE ENGINEER

Application No. 41222
Permit No. 30846

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,
the 13th day of August
1966, at 8:30 o'clock A.M.

Returned to applicant:

proved:

Recorded in book No. _____ of
_____ permits on page 30846

STATE ENGINEER

Storage Basin No. 2 page 76A32

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