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STATE ENGINEER

SALEM, OREGON

APPLICATION FOR PERMIT

To appropriate the Public Waters of the State of Oregon

I, Bruce J. Marley

(Name of applicant)

of Route 1, Box 60 G, Jacksonville, Oregon-

(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 Applegate River

(Name of stream)

a tributary of Rogue River2. The amount of water which the applicant intends to apply to beneficial use is 0.08

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 of home garden and fruit

(Irrigation, power, mining, manufacturing, domestic supplies, etc.)

together with sufficient water to operate 2 hydraulic ramsSouth $18^{\circ} 56'$ W 1606 feet from the Northeast4. The point of diversion is located -ft- and -ft- from the

(N. or S.)

(E. or W.)

corner of Section 29, being 1519 South and 521 feet West of said corner for rams.

(Section or subdivision)

Point of diversion for suction pump approximately 300 ft. easterly from southwest corner of property at bank of river.

(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 N $\frac{1}{2}$ of SE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Sec. 29, Tp. 38 S,

(Give smallest legal subdivision)

(N. or S.)

R. 3 W, W. M., in the county of Jackson

(E. or W.)

5. The main pipe to be approximately 780 feet

(Main ditch, canal or pipe line)

(Miles or feet)

in length, terminating in the N $\frac{1}{2}$ of SE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Sec. 29, Tp. 38 S,

(Smallest legal subdivision)

(N. or S.)

R. 3 W, 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 2 hydraulic rams, one with

(Size and type of pump)

2 inch intake, one with one with 1 inch intake, and with 1 inch and $\frac{1}{2}$ inch outlets

(Size and type of engine or motor to be used, total head water is to be lifted, etc.)

respectively; 5 feet fall in river and water to be pumped up approximately 20 feetand carried about 750 feet. Suction pump operated by 3 horse power motor to supplement

water supplied by rams

**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/From rams 780 ft.; size at intake, 2 inches in.; size at ft. from suction pump 300 ft.; 1 1/4 inch; in.; size at place of use 1 inch in.; difference in elevation between intake and place of use, 15 to 20 ft. Is grade uniform? yes } Estimated capacity, 0.03 sec. ft. 10 ft. no

8. Location of area to be irrigated, or place of use N 1/2 of SE 1/4 of NE 1/4, Section 29

Township North or South	Range E. or W. of Willamette Meridian	Section	Part-acre Tract	Number Acres To Be Irrigated
38 S	3 W	29	SE 1/4 NE 1/4	approximately 3

7 (c)

From rams: Length of pipe 780 ft.; size at intake, 2 inches; size at ram 2 inches; size at place of use 1 inch; difference in elevation between intake and place of use 15 to 20 ft. Is grade uniform? yes Estimated capacity 2.15 gal per min.

From suction pump operated by 3 h.p. gasoline motor: Length of pipe from suction pump 300 ft.; size at intake 1 1/4 in.; size at pump 1 1/4 inch; size at place of use 1 inch; difference in elevation between intake and place of use 10 ft. Is grade uniform? no. Estimated capacity per min 100 to 125 gal per minute.

Estimated amount of water needed:

16.35 gal per minute to operate rams
 2.15 gal per minute for irrigation from rams
 14.85 gal per minute from suction pump to supply balance needed for irrigation
 33.35 gal per minute

(If more space required, attach separate sheet)

(a) Character of soil sandy loam

(b) Kind of crops raised garden and fruit for family use

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 5 feet (head) feet.

(d) The nature of the works by means of which the power is to be developed 2 hydraulic rams, one with 2 inch intake and 1 inch outlet, one with 1 inch intake and 1/2 inch outlet, water to be raised approximately 20 feet, and carried about 750 feet.

(e) Such works to be located in N 1/2 of SE 1/4 of NE 1/4 of Sec. 29 (Legal subdivision)

Tp. 38 S (No. N. or S.), R. 3 W (No. E. or W.), W. M.

(f) Is water to be returned to any stream? DO (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 operation of rams and irrigation of garden and fruit

(i) The nature of the mines to be served

10. (a) To supply the city of _____

County, having a present population of _____

and an estimated population of _____ in 19 _____

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

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

11. Estimated cost of proposed works, \$ 850.00 _____

12. Construction work will begin on or before June 1, 1960 _____

13. Construction work will be completed on or before December, 1960 _____

14. The water will be completely applied to the proposed use on or before June 1, 1961 _____

Bruce J. Manley
(Signature of applicant)

Remarks: _____

9 (d) continued

Also a suction pump operated by 3 horse power gasoline motor to supply approximately .0267 cu. ft. not pumped by the hydraulic rams.

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
_____ completion

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before ~~May 22~~ _____, 1960.
June 8 1960

WITNESS my hand this ~~22nd~~ 8th day of ~~March~~ April, 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 0.06 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 Applegate River

The use to which this water is to be applied is irrigation and operation of two hydraulic rams, being 0.04 c.f.s. for irrigation and 0.04 c.f.s. for operation of rams.

If for irrigation, this appropriation shall be limited to 1/80th of one cubic foot per second or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed 4 1/2 acre feet per acre for each acre irrigated during the irrigation season of each year; provided further that the right to the use of water is limited to the period when the flow of the Rogue River is more than 735 c.f.s. at its mouth,

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 24, 1960

Actual construction work shall begin on or before July 15, 1961 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, 1963

WITNESS my hand this 13th day of July, 1960

Lewis A. Stanley
STATE ENGINEER

Application No. 23773

Permit No. 26739

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 24th day of March, 1960, at 9:00 o'clock A. M.

Returned to applicant:

Approved:

July 15, 1960

Recorded in book No. 26739 of

Permits on page 26739

STATE ENGINEER

Drainage Basin No. 15 page 88

Fees