

RECEIVED

Permit No. 42460

DATE 11-19-76
WATER RESOURCES DEPARTMENT APPLICATION FOR PERMIT
SALEM, OREGON

To Appropriate the Public Waters of the State of Oregon

I, Rogue River National Forest
(Name of applicant)
of P.O. Box 520, Medford
(Mailing address) (City)
State of Oregon, 97501, do hereby make application for a permit to appropriate the
(Zip Code)
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 Forest Service Reservoir #1 & #2, Jackson
(Name of stream)
Creek, and other sources as described in remarks section
a tributary of Bear Creek

2. The amount of water which the applicant intends to apply to beneficial use is 0.8 8.0
cubic feet per second from Forest Service Reservoir No. 1 & 2
(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 Temperature Control
(Irrigation, power, mining, manufacturing, domestic supplies, etc.)
October 1 to March 31

4. The point of diversion is located 680 ft. N. and 870 ft. E. from the SW
corner of Section 15, T. 37 S., R. 2 W., W.M. (Jackson Creek); and from Reservoir No.
(N. or S.) (E. or W.) Medford Forest
Nursery Reservoir SW 1/4
1 and No. 2 in SW 1/4 NW 1/4, Section 15, T. 37 S., R. 2 W., W.M. and from City of Medford
(Section or subdivision)
Diversion-Duff treatment plant: S 66° 00' W 1400' from NE corner of Section 13,

(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 NW 1/4 NE 1/4 NE 1/4 of Sec. 15 13, Tp. 36 37 S.
(Give smallest legal subdivision) (N. or S.)

R. 2 W., W. M., in the county of Jackson
(E. or W.)

5. The main pipeline to be 600 feet
(Main ditch, canal or pipe line) (Miles or feet)
in length, terminating in the SW 1/4 NW 1/4 of Sec. 15, Tp. 37 S.
(Smallest legal subdivision) (N. or S.)

R. 2 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
(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. 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, ft.; size at intake, in.; size at ft. from intake in.; size at place of use in.; difference in elevation between intake and place of use, ft. Is grade uniform? Estimated capacity, sec. ft.

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

Table with 5 columns: Township North or South, Range E. or W. of Willamette Meridian, Section, Forty-acre Tract, and Number Acres To Be Irrigated. Rows list various quarter-section tracts and their corresponding acreages, totaling 255 acres.

(If more space required, attach separate sheet)

(a) Character of soil sandy loam

(b) Kind of crops raised conifer seedlings

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.

(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.

Tp., R., W. M.

(f) Is water to be returned to any stream?

(g) If so, name stream and locate point of return

....., Sec., Tp., R., W. M.

(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
..... 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, \$ 500,000, including reservoirs.
- 12. Construction work will begin on or before ~~April 1, 1977~~ May 1, 1978
- 13. Construction work will be completed on or before ~~September 30, 1978~~ May 1, 1979
1980
- 14. The water will be completely applied to the proposed use on or before July 1, 1979

Frank E. Mackey
(Signature of applicant)
Nursery Manager

Remarks: The water needed for temperature control from October 1 to March 31
is from many sources, all collected in ^{The} Reservoir No. 1 and No. 2. Inflow into the
reservoirs will be from ^{the Rogue River via} Medford City water line; pipeline from City of Jacksonville
~~sewer treatment plant~~; recycled water from the soil drainage system; and Jackson
Creek during December, January and February (from winter runoff water not already
appropriated). Outflow from the reservoir during actual pumping = 13 cfs. Out-
flow from the reservoirs, converted to 24 hour basis on day of pumping = 5.3 cfs.
Appropriated water from Jackson Creek under this permit, December, January and
February only = 0.6 cfs. = 108 Ac. Ft. Total

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 August 26, 19 77

WITNESS my hand this 22nd day of June, 19 77

RECEIVED
AUG 12 1977
WATER RESOURCES DEPT.
SALEM, OREGON

James E. Sexson
James E. Sexson
Director, Water Resources Dept.
By *[Signature]*
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 8.0 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 Rogue River, Jackson Creek and reservoir to be constructed under application No. R 56078, permit No. R 6727

The use to which this water is to be applied is temperature control. The appropriation of water from Jackson Creek shall be limited to the period from February 15 to April 1 of each year and limited to the period from October 1 to March 31 of each year from Rogue River.

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 May 23, 1977

Actual construction work shall begin on or before January 12, 1979 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1979.

Complete application of the water to the proposed use shall be made on or before October 1, 1980.

WITNESS my hand this 12th day of January, 1978

Deputy Water Resources Director

Application No. 56080
Permit No. 42460

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 23 day of May
1977, at 8 o'clock AM.

Returned to applicant:

Approved:

Recorded in book No. of
Permits on page

STATE ENGINEER

Drainage Basin No. 15 page 245

Fees \$17.00